ANNUAL REPORT
2017-18

Submitted to
ICAR- ATARI
Zone – V,
Kolkata

Submitted by

Krishi Vigyan Kendra Burdwan
ICAR-Central Research Institute fort Jute and Allied Fibre
Budbud, Burdwan -713403,
West Bengal

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
Bud Bud, Burdwan-713 403. West Bengal	Office - 0343 2513651	Fax -	kvkburdwan@gmail.com **Web:** www.kvkcrijaf.org.in

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
ICAR-Central Research Institute for Jute and Allied Fibres, Nilgunj, Barrackpore Kolkata- 700 120. West Bengal	033-25356124 -25	033- 25350415	director.crijaf@icar.gov.in crijaf-wb@nic.in

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. D. Ghorai (I/C)	033-25772766	09433122515	dipankarghoraikvk@gmail.com

1.4. Year of sanction of KVK: **2005 vide order No. 5-24 / 2002 – AE – I, dated April 01, 2005**

1.5. Staff Position (as on 1st April, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	VACANT	-----					
2	Subject Matter Specialist	Dr. Dipankar Ghorai	I/C PC and SMS	Agriculture	Rs. 67700-208700 Basic: Rs. 80900	26.04.2006	**Permanent**	GEN
3	Subject Matter Specialist	Dr. Golam Ziauddin	SMS	Fisheries	Rs. 67700-208700 Basic: Rs. 80900	28.04.2006	**Permanent**	GEN
4	Subject Matter Specialist	VACANT	----					
5	Subject Matter Specialist	Dr. Subrata Sarkar	SMS	Horticulture	Rs. 67700-208700 Basic: Rs. 80900	04.05.2006	**Permanent**	GEN
6	Subject Matter Specialist	VACANT	-----					
7	Subject Matter Specialist	Dr. Monica S. Singh	SMS	Agril. Extn.	Rs. 56100-177500 Basic: Rs. 61300	09.07.2012	**Permanent**	GEN
8	Programme Assistant	Mr. Sandipan Garai	Prog. Assistant	Agriculture	Rs. 56100-177500 Basic: Rs. 59500	18.04.2006	**Permanent**	OBC
9	Computer Programmer	Sk Golam Rasul	Prog. Assistant (Computer)	Computer	Rs. 44900-142400 Basic: Rs. 50500	10.04.2006	**Permanent**	GEN
10	Farm Manager	Mr. Soumya Sarathi Kundu	Prog. Assistant (Farm Manager)	Agriculture	Rs. 44900-142400 Basic: Rs. 46200	06.01.2007	**Permanent**	GEN
11	Office supreintendant	Mr. Nilesh Ray	Assistant	--	Rs. 35400-142400 Basic: Rs. 35400			
12	Stenographer	VACANT	-----					
13.	Driver	Mr. Joydeep Pal	Driver – cum - mechanic	--	Rs. 25500-81100 Basic: Rs. 29600	06.07.2006	**Permanent**	GEN
14.	Driver	Mr. Santi Nath Pal	Driver– cum - mechanic	--	Rs. 25500-81100 Basic: Rs. 29600	10.07.2006	**Permanent**	OBC
15.	Supporting staff	Mr. Shyamal Bhanja	Supporting staff	Peon	Rs. 19900-63200 Basic: Rs. 26000	25.02.2006	**Permanent**	GEN
16.	Supporting staff	Mr. Anup Das	Supporting staff	Cook	Rs. 19900-63200 Basic: Rs. 26000	01.03.2006	**Permanent**	SC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	3.5
2.	Under Demonstration Units	2.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	2.0
5.	Others (Waste land and Ponds)	3.0
	Total	**18.0**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					√	552	Under use	ICAR
2.	Farmers Hostel					√	306	Under use	ICAR
3.	Staff Quarters (6)					√	400	Under use	ICAR
4.	Piggery unit								
5	Fencing					√	925 m	Under use	ICAR
6	Rain Water harvesting structure					√	7000	Under use	MGNREGA
7	Threshing floor	√							
8	Farm godown	√							
9.	Dairy unit	√							
10.	Poultry unit	√							
11.	Goatary unit					√	50	Not (SMS not available since Sept., 2015)	ICAR
12.	Mushroom Lab	√							
13.	Mushroom production unit	√							

14.	Shade house					√	1008	Not (polythene cover torn out since April, 2015)	RKVY
15.	Soil test Lab					√	Instrumental support	Under use	ICAR
16	Others, Please Specify								
17.	Feed preparation Unit					√	Instrumental support	Under use	ATMA
18.	Integrated farming system					√	6000	Under use	ICAR
19.	Vermicompost unit					√	60	Under use	ATMA
20.	Portable carp hatchery					√	30	Under use	ICAR
21.	Deep tube well					√	Depth 80 ft.	Under use	ICAR

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
TATA SUMO WB 40 C 9883	01.04.1999	---	21348 km	In working condition
Tractor WB 39 3472	01.04.1999	---	154 hrs	In working condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Flame photometer	2006-07	29813.00	Out of order	ICAR
Spectrophotometer	2006-07	46283.00	Out of order	ICAR
Shaker	2006-07	20756.00	In working condition	ICAR
Hot air oven	2006-07	5344.00	In working condition	ICAR
Hot plate	2007-08	14000.00	Out of order	ICAR
Glass distillation unit	2007-08	28000.00	In working condition	ICAR
Conductivity bridge	2007-08	10000.00	In working condition	ICAR
pH meter	2007-08	9563.00	Out of order	ICAR
Electronic balance	2007-08	12375.00	In working condition	ICAR
Grinder	2007-08	19500.00	In working condition	ICAR
Kjeldahl N analyser	2008-09	250474.00	In working condition	ICAR
Atomic absorption spectrophotometer	2012-13	944832.00	In working condition	ICAR
Mridaparikshak	2015-16	117450.00	Working	ICAR
PUSA STFR Meter	2017-18	86000.00	Working	ICAR
b. Farm machinery				
Tractor	01.04.1999	--	In working condition	ICAR
Power reaper	2011-12	85476.00	In working condition	ICAR
c. AV Aids				
LCD projector	2008-09	109000.00	Out of order	ICAR
Computer with accessories (2 Nos.)	2009 -10	49920.00	In working condition	ICAR
LCD TV	2010-11	13110.00	In working condition	ICAR
Digital Camera	2010-11	14790.00	In working condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
CRIJAF Nail weeder	2012-13	3400.00	In working condition	ICAR
Brush cutter	2011-12	22360.00	In working condition	ICAR
Seed drill	2011-12	66500.00	In working condition	ICAR
Rotovator	2011-12	107120.00	In working condition	ICAR
Sprayer	2011-12	7300.00	In working condition	ICAR
Paddy thresher	2011-12	12000.00	In working condition	ICAR
Castrator for goat	2013-14	4000.00	In working condition	ATMA

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	18.01.2018	24	• Demonstrations on SRI should be taken up w.r.t recommended spacing, seedling age, weeding, fertilizer application during both *rabi* & *kharif* season. LCC may be used to economize nitrogen application. In *rabi* season, alternate wetting and drying (AWD) techniques should be added in the demonstration. (*Action: SMS, Agronomy*) • Keeping in view the increased demand of sesbania as green manure, seed production of sesbania in fallow farmers' fields may be taken up. (*Action: SMS, Agriculture*) • Instructional units on IFS, cropping system, crop cafeteria, livestock unit, vermicomposting, mushroom unit, bee keeping, green house cultivation of vegetables & flowers, farm implements unit, horticulture nursery, etc. should be established in KVK premises for training & method demonstration of farmers and rural youth. (*Action: SMS, Agriculture, Horticulture, Fishery, Extension and Prog. Asst.*) • Seed treatment in clustered demonstrations on pulses to be made mandatory. (*Action: SMS, Agriculture & Horticulture*) • Considering the already demonstrated technology of intercropping of jute in farmer's field by the CRIJAF, only FLDs on the same technology should be undertaken. (*Action: SMS, Agriculture & Extension*) • OFT on management practices of potato to be excluded. (*Action: SMS, Horticulture*) • Cultivation of Gherkin may be tried on KVK Farm for its quality and acceptability in the local market before going for FLD. (*Action: SMS, Horticulture*) • Programme may be taken to address the low productivity of tuberose using improved variety with proper nutrient management. (*Action: SMS, Horticulture*) • Seed storability of onion variety Sukhsagar is poor. This problem can be addressed through demonstration of improved storage techniques of onion or by varietal replacement. Problem of high perishability of cucurbits should be addressed by identifying low cost storage structures. (*Action: SMS, Horticulture& Extension*) • OFT on nutrient management in marigold should be taken up as per released technology of ICAR or SAU.(*Action: SMS, Horticulture*) • OFT on mango should include management package for fruit fly involving plant protection expert. (*Action: SMS, Horticulture*) • OFT on stunted fingerling is to be refined in consultation with concerned organization or state department. (*Action: SMS, Fishery*) • Sensitization programme on formation of fish cooperatives to be conducted involving experts from		

			CIFRI, CIFE, NABARD and other stakeholders. (*Action: SMS, Fishery*) • OFT on weed fish removal should be modified as suggested by the SAC. Application of Mahua oil cake, being a costly proposition, may be replaced with urea with bleaching powder as per released technology options. (*Action: SMS, Fishery*) • Formation of FPOs to be facilitated with collaboration from DDA and NABARD. (*Action: SMS, Extension*) • In view of doubling the farmer's income, number of master trainers should be increased for adoption of income generating demonstrated technology of KVK. (*Action: SMS, Extension*) • ICAR-NIRJAFT and concerned NGOs (e.g. BAPU, Murshidabad) can be collaborated with regarding training on Jute Diversified Products (JDPs).(*Action: SMS, Extension*) • Impact assessment of central sector schemes (CSS) like Soil Health Card, Clustered demonstration, PMFBY, *etc.* should be evaluated for its impact on agriculture. (*Action: SMS, Extension*) • In view of non-availability of SMS (Animal Sci.), help of concerned organization and departments should be taken for conducting vaccination programmes. (*Action: SMS, Extension*) • Azolla as supplementary feed may be taken up as FLD to increase the milk, egg and meat production of cattle and poultry. (*Action: SMS, Extension*) • Groundnut crop residue is high in crude protein, crude fibre and nitrogen free extracts. As such groundnut residue may be used as goat feed in consultation with concerned department. Also moringa can be tried as fodder. (*Action: SMS, Extension*) • Status report should be prepared in consultation with DHO regarding feasibility of apiary in the district. (*Action: Prog. Asstt, Plant Protection*) • Crop loss due to fruit fly infestation in mango and guava often is as high as 40%. This problem should be addressed through proper plant protection measures.(*Action: Prog. Asstt., Plant Protection& SMS, Horticulture*) • Vocational trainings on mushroom cultivation should be taken up followed by its FLD with farm women through SHGs, NGOs, etc. (*Action: Prog. Asstt, Plant Protection*) • Pertinent farmer's friendly mobile applications (Apps) should be developed. (*Action: Prog. Asstt, Computer App.*)		

Copy of SAC proceedings along with list of participants attached as Annexure I

2.a. District level data on agriculture, livestock and farming situation (2017-18)

Purba Bardhaman

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice production system Dairy –poultry production system Poultry Goatery Duckery Fishery Rice – potato-fodder- livestock production system Rice –vegetable-Rice production system Jute-rice production system Fish-duck-banana production system
2	Agro-climatic Zone	**1. New Alluvium** Average annual rainfall 1300-1600 mm, Soil type- sandy loam, clay and clay loam, Soil depth 4-6 ft with medium to good water holding capacity, **Neutral to acidic soil with good fertility.** **2. Old Alluvium** Average annual rainfall 1300-1500 mm, Soil type- sandy loam and clay loam Soil depth 4-6 ft with medium to good water holding capacity **Neutral to acidic soil with good fertility**
3	Agro ecological situation	**Agro ecological sub region 12.3 under the AES 12.0 (Eastern Plateau)** II. Moist and sub humid ecosystem with alluvial soil with LGP of 180-200 days covering the blocks of Burdwan (N), Burdwan (S), Kalna & Katwa, Main crops paddy, mustard, **sesame, potato, jute, vegetables etc. The area covers 517532 ha**
4	Soil type	**1.Gangetic alluvial – 206423 ha** Soil order is entisols. Sandy loam to clay loam, fine in texture, slightly acidic to neutral in reaction. Rich in potash and medium to rich in available plant nutrients. **2. Vindhya alluvial – 311000 ha** Soil order is entisol Sandy loam to clay loam, fine to moderate coarse in texture, acidic to neutral in reaction.
5	Productivity of major 2-3 crops under cereals,	Aman paddy – 32.73 Boro paddy – 26.95 Wheat – 21.99

	pulses, oilseeds, vegetables, fruits and others	Pulses – 8.80 Oilseeds – 10.01 Jute & other fibres ** - 18.7 lakh bales Potato – 212.49
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature: Max – 31, Min – 18 Relative humidity : 76 Total rainfall: 1136 mm
7	Production of major livestock products like milk, egg, meat etc.	Milk : 464080 tonnes, 280 kg/year Egg: 2672.40 lakh egg, 85 no. eggs/year Meat : 4000 MT

Note: Please give recent data only

Paschim Bardhaman

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice production system Dairy –poultry production system Poultry Goatery Duckery Fishery Rice –vegetable-Rice production system
2	Agro-climatic Zone	**1. Red and Lateritic** Average annual rainfall 1100-1400 mm, Soil type- sandy loam, coarse in texture Undulating land with low soil depth, sometimes hard layer present in sub surface **Medium to highly acidic soil**
3	Agro ecological situation	**Agro ecological sub region 12.3 under the AES 12.0 (Eastern Plateau)** I Chhotonagpur Plateau and Garhjat hills, hot dry sub humid ecosystem with red & laterite soils and LGP 150-180 days covering the blocks of Durgapur & Asansol. Main crops are, paddy, mustard, vegetables, pulse etc. The area covers 186154 ha
4	Soil type	**1. Red and Lateritic – 186054 ha** Soil orders are mainly alfisol and ultisol. Coarse gritty soil blended with rock fragment, mainly acidic in nature, reddish in color due to high level of iron, low in nitrogen, calcium, phosphate and other plant nutrient.
5	Productivity of major 2-3 crops	Aman paddy – 26.83 Wheat – 21.99

	under cereals, pulses, oilseeds, vegetables, fruits and others	Pulses – 7.92 Oilseeds – 8.04
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature: Max – 33, Min – 15 Relative humidity : 69 Total rainfall: 1024 mm
7	Production of major livestock products like milk, egg, meat etc.	Data not available

2.b. Details of operational area / villages (2017-18)

S.N	Taluk	Block	Village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Durgapur	Kanksa	Keten , Palashboni, Payarigunj, Chuya	Paddy, potato, mustard, sesame, lentil, vegetable, cattle, poultry, duck, goat, pig fish Kharif paddy, wheat, mustard, brinjal, cattle, buffalo, pig, goat and poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Marginal soil • Limited water resources for irrigation • Indiscriminate and inappropriate use of chemical fertilizer **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option**	• Integration of good agronomic practices • Creation of rainwater harvesting structures • Utilization of mine lift water for irrigation • Providing quality seeds/planting materials • Diversification of land use • Soil health management like organic farming etc. • Livestock productivity improvement and health care • Efficient utilization of water bodies • Entrepreneurship development
		Andal	Moira, Madanpur, Baska, Pubra, Andal, Andal			

			Gram, Battala, Dakshinkhanda, Sakra, Shrirampur, Damra Gram, Kajora Gram, Rajhat, Dignala.			
		Ranigunj	Napur, Napur Gram, Chelod, Ballavpur, Belunia, Belunia Gram, Raghunathchak, Kankardanga			
		Jamuria	Jamuria, Siddhapur, Baghdhia, Haripur, Barul, Chaktulshi, Sankhari, Nandi, Sahakhir, Berali, Patharchur, Shibpur, Bogra, Chakdola, Hijalgora, Jambad, Taltor, Parasia, Churulia, Satgram, Madantor, Charanpur, Birkulti, Morden Satgram, Panchachur, Damodarpur			
		Salanpur	Sidhabari			

2	Burdwan North	Galsi-I	Bharatpur Jaguli para , Sillya, Ramgopalpur, Atpara, Raipur, Goligram, Kondaipur, Manikbazar-Jharul, Tildanga, Nurkona Nabakhanda, Bamunara, Fatepur, Puratangram, Ucchagram, Serorai, Chaktentul, Naskarbandh, Budbud,	Aus paddy, kharif paddy, jute, potato, mustard, vegetable cattle, poultry, Goat, broiler farming, fish	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed materials • High cost involvement for major crops • Indiscriminate and inappropriate use of chemical fertilizers • Low input of organics & biofertiliser **Lesser extent of crop diversification** **Low productivity of livestock & poultry** **Poor feed resources** ***Socio-economic*** • Lack of credit facilities • Inadequate house hold income generation	• Providing quality seeds/planting material • Diversification of land use • Entrepreneurship development • Organic farming • Health care • Improvement of women led vocations • Popularization of balanced feeding practices • Crop diversification
		Galsi-II	Garamba, Bhasapur, Pursora, Hitta, Bahirghanna, Taranagar, Sankrai, Sarul, Bhuri.			
3.	Bardhaman Sadar	Aushgram-I	Dignagar, Woyarishpur, Alutia, Bannabagram, Dangpara,	Kharif paddy, Potato, lentil, mustard, til, fodder, cattle, goat, poultry, duck, fish	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Poor soil health • Limited water resources for irrigation • Indiscriminate and inappropriate use of chemical fertilizer **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic***	i. Integration of good agronomic practices ii.Providing quality seeds/planting materials iii.Diversification of land use iv.Restoration of soil health through organic manuring. v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water

					Lack of credit facilities **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option**	use technology ix. technology showcasing
		Aushgram-II	Premganj, Abhirampur, Anandabazar, Bijoydanga, Chandipur,			
		Bhatar	Gholda, Gramdihi, Bamshor, Bijipur, Alinagar, Natungram, Muraripur, Kapshor, Nasigram, Madhpur, Salun, Bonpas, Palar, Narayanpur, Balsidanga, Erachia, Kubachpur, Polsona, Bijaypur, Kherur, Sahebganj, Kashipur, Nurpur,			
5.	Kalna	Kalna	Bhagnapara, Kalna, Durgapur, Nandai, Deulpara, Diara, Mirzapur, Balia, Anukhal,	Paddy, jute, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of**	Integration of good agronomic practices ii.Production of quality seeds/planting materials in PPP mode iii.Diversification of land use iv.Restoration of soil health through organic manuring.

			Rangpara, Goara, Anakul,		**livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option** **Less of post harvest operation**	v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology
		Purbasthali - I	Kuricha, Golahat, Betpukur, Chakbamungoria,Shyampur, Parulia, kuldanga, Bhaturia, Minapur, Ramchandrapur, Dogachia, Chupi, Biswarambha, Banki,Bhatsala, Rajapur, Chaitpur, Maganpur, Moshipur,	Paddy, jute, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides • Very low ground water table **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** • Lack of awareness regarding good agronomic /husbandry practices • Very restricted livelihood option • Less of post harvest operation	Integration of good agronomic practices ii. Production of quality seeds/planting materials in PPP mode iii. Diversification of land use iv. Restoration of soil health through organic manuring. v. Livestock productivity improvement and health care vi. Efficient utilization of water bodies vii. Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology of jute and other crops
		Memari-I & II	Satchachia, Debipur, Khanro, Harindanga	Paddy, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** • Lack of credit facilities	Integration of good agronomic practices ii. Production of quality seeds/planting materials in PPP mode iii. Diversification of land use iv. Restoration of soil health through organic manuring. v. Livestock productivity improvement and health care vi. Efficient utilization of water bodies

					• Lack of awareness regarding good agronomic /husbandry practices • Very restricted livelihood option • Less of post harvest operation	vii. Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology
		Monthesw ar	Bhelia, Bheti, Sutra	Paddy, onion, fodder, mustard, banana, potato, mango, cattle, sheep, goat, pig, poultry	***Bio-physical*** **Low productivity of all major crops** • Non-availability of quality seed / planting materials • Nutrient Deficient soil • Indiscriminate and inappropriate use of chemical fertilizer/ pesticides **Inadequate descriptive/prolific breed of livestock** **Poor feed resources** **Inadequate health care** ***Socio- economic*** **Lack of credit facilities** **Lack of awareness regarding good agronomic /husbandry practices** **Very restricted livelihood option** **Less of post harvest operation**	Integration of good agronomic practices ii.Production of quality seeds/planting materials in PPP mode iii.Diversification of land use iv.Restoration of soil health through organic manuring. v.Livestock productivity improvement and health care vi.Efficient utilization of water bodies vii.Entrepreneurship development viii. Promotion of efficient water use technology ix. Promotion of Improved post harvest technology

1. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Golahat	Purbasthali	• Training programmes on different aspects of agriculture • CFLD on pulse and oilseeds • FLDs on Jute • Awareness camp on horticulture and agriculture • field day and exposure visit of farmers
Gholda	Bhatar	• CFLD on greengram • Awareness camp, informal discussion
Alutia	Ausgram I	• Skill devlopement training • Training, informal discussion
Napur	Ranigunj	• On farm trial and demonstration on improved production technology on jute • Integrated farming system involving jute has been done • On farm trial and demonstration on improved production technology of paddy • Culmination of improved jute production technology through OFT, FLD, field day and exposure visit of farmers • Formation of farmers club • Awareness camp on family nutrition
Siddhapur-Baghdiha	Jamuria	• Skill development programme of tribal farmers and farm women • Technology demonstration in the theme of region specific mineral mixture supplementation to deshi cow • Technology assessment through OFT in nutrient management of duck • Animal health camp and awareness camp. • Diagnostic field visit of SMSs • Technology guidance through Farmers, portal
Mirjapur	Kalna I	• Formation of farmers club • Awarness Camp • FLD and OFT • Diagnostic field visit of SMSs • Technology guidance through Farmers, portal • Training to farmers and Farm women

2.1 Priority thrust areas

S. No	Thrust area
1.	Integration of good agronomic practices for cultivation of field and vegetable crops for vertical agricultural growth
2.	Production of quality seeds/planting materials for major agricultural crops like rice, jute, mustard and vegetable and fruit crops
3.	Diversification of land use through cultivation of vegetables and other horticultural crops
4.	Soil health management through organic farming, balanced and integrated fertilization etc.
5.	Livestock productivity improvement and health care
6.	Efficient utilization of water bodies through composite fish culture and improved management practices
7.	Efficient resource utilization and output maximization through integrated farming system approach
8.	Entrepreneurship development for family income generation
9.	Empowerment of women through post harvest operation
10	Strengthening of animal feed resources through fodder production/ quality fodder seed production
11	Use of ICT in agriculture in area of climate based agro advice, disease diagnosis, SMS service

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during the year

OFT						FLD					
No. of technologies:						No. of technologies: 17					
Number of OFTs		Number of farmers				Number of FLDs		Number of farmers			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
8	9	40	12	38	50	700	1218	700	326	892	1218

Training						Extension activities					
Number of Courses		Number of Participants				Number of activities		Number of participants			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
99	109	2450	517	2105	2616	3028	4080	18230			22416

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
240 q (paddy; MTU 7029)	225 q	50000	65000

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
50000 (Fingerling)	100000 (Fingerling)	1000	1255

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper		
Seminar/conference/ symposia papers		
Books		
Bulletins		
News letter		
Popular Articles		
Book Chapter		
Extension Pamphlets/ literature		
Technical reports	1 (CDAP)	--
Electronic Publication (CD/DVD etc)	--	--
TOTAL	1	

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Evaluation of yield and economics under different agronomic and integrated production practices of jute under medium upland situation in Burdwan**
2.	Problem diagnosed	Low return from cultivation of jute pertaining to single cropping
3.	Details of technologies selected for assessment/refinement	**Farmers' practice**: Single cultivation of jute by broadcasting **TO - 1:** Single cultivation of jute by line sowing **TO - 2:** Jute + greengram intercropping with line sowing **TO – 3:** Jute + Amaranthus intercropping with line sowing
4.	Source of Technology	ICAR-CRIJAF, barrackpore
5.	Production system and thematic area	Jute based production system, Post harvest management
6.	Performance of the Technology with performance indicators	Results indicated that intercropping or mixed cropping is profitable for jute than single cultivation. System yield was significantly higher in case of Jute mixed cropping with green amaranthus. Also profitability was highest in case of TO 3. In case of Jute + Greengram intercropping (1:1) system productivity was lowest. But profitability of this option was better as compared to FP or single cultivation by line sowing (TO1). The fact that line sowing of jute is more efficient than broadcasting was evident from significantly higher yield in TO1 as compared to FP.
7.	Final recommendation for micro level situation	Farmers should adopt jute+amarathus intercropping for higher return. Also They can adopt Jute + greengram for higher purchase from per unit of land.
8.	Constraints identified and feedback for research	Market availability of green amaranthus can be a constraint. Also multiple picking of greengram is not much feasible. Suitable synchronous varieties mat be tried.
9.	Process of farmers participation and their reaction	Demonstration, group discussion and field day

Thematic area: Integrated crop management

Problem definition: Low return from cultivation of jute pertaining to single cropping

Technology assessed: Intercropping/mixed cropping

Table: Performance of jute under intercropping/mixed cropping

Technology option	No. of trials	System yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers' practice: Single cultivation of jute by broadcasting	5	31.5	54750	77175	77175	1.41
Technology - 1: Single cultivation of jute by line sowing		33.8	53250	82810	82810	1.56
Technology - 2: Jute + greengram (1:1) intercropping with line sowing		**22.6 + 6.1 = 28.7**	56625	93140	93140	**1.64**
Technology - 3: Jute + Amaranthus mixed cropping with line sowing		**34.5+ 13.5 = 48.0**	57375	104775	104775	**1.83**
LSD at 5%		1.7				

Results:

Results indicated that intercropping or mixed cropping is profitable for jute than single cultivation. System yield was significantly higher in case of Jute mixed cropping with green amaranthus. Also profitability was highest in case of TO 3. In case of Jute + Greengram intercropping (1:1) system productivity was lowest. But profitability of this option was better as compared to FP or single cultivation by line sowing (TO1). The fact that line sowing of jute is more efficient than broadcasting was evident from significantly higher yield in TO1 as compared to FP.

OFT-2

1.	Title of On farm Trial	**Assessment of different nutrient management practices on productivity of sesame under medium upland situation of Burdwan district**
2.	Problem diagnosed	Low yield of sesame pertaining to improper nutrient management
3.	Details of technologies selected for assessment/refinement	**Farmers' practice:** 40:50:20 N:P:K **Technology - 1 :** 100% RDF (80:40:40 N:P:K) **Technology - 2** : 75% RDF + FYM (5 t/ha) **Technology - 3 :** 50% RDF + FYM (5 t/ha) + Vermicompost (2.5 t/ha)
4.	Source of Technology	ICAR-IIOR, Hyderabad
5.	Production system and thematic area	Rice based production system, Integrated nutrient management
6.	Performance of the Technology with performance indicators	Application of organic matter enhanced productivity significantly over FP (For TO2 -35% and TO3 – 48%) or recommended dose (For TO2 -14% and TO3 – 25%). Vermicompost application was found to be the best option regarding productivity (9.24 q/ha) and cost-effectiveness (But it would not be the best option regarding cost-effectiveness if farmers do not produce the same at their end and it being rather costly in market)
7.	Final recommendation for micro level situation	Farmers should go for integrated nutrition in case of sesame and should produce vermicompost at their end.
8.	Constraints identified and feedback for research	FYM and vermicompost being bulky is problematic for application. Some less bulky organic input should be tried.
9.	Process of farmers participation and their reaction	Demonstration, group discussion and field day

Thematic area: Nutrient management

Problem definition: Low yield of sesame pertaining to improper nutrient management

Technology assessed: Integrated nutrient management

Table : Performance of sesame under INM

Technology option	No. of trials	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers' practice: 40:50:20 N:P:K	7	6.22	16850	25502	8652	1.51
Technology - 1 : 100% RDF (80:40:40 N:P:K)		7.41	17400	30381	12981	1.75
Technology - 2 : 75% RDF + FYM (5 t/ha)		8.45	18700	34645	15945	1.85
Technology - 3 : 50% RDF + FYM (5 t/ha) + Vermicompost (2.5 t/ha)		9.24	19500	37884	18384	1.94
LSD at 5%		0.54				

Results:

Application of organic matter enhanced productivity significantly over FP (For TO2 -35% and TO3 – 48%) or recommended dose (For TO2 -14% and TO3 – 25%). Vermicompost application was found to be the best option regarding productivity (9.24 q/ha) and cost-effectiveness (But it would not be the best option regarding cost-effectiveness if farmers do not produce the same at their end and it being rather costly in market

OFT-3

1.	Title of On farm Trial	**Assessment of Zn and B nutrition under deficient regimes in Rice-Mustard cropping system in medium upland situation of Burdwan district**
2.	Problem diagnose	Non-optimum productivity for lack of essential micronutrient in soil and concomitant non-application from outside
3.	Details of technologies selected for assessment/refinement	**FP:** 100% RDF (100:50:50 in rice; 80:40:40 in mustard) + No micronutrient **TO - 1:** 100% RDF + 5 kg Zn/ha as basal in both seasons **TO - 2 :** 100% RDF + 1 kg B/ha basal application **TO - 3 :** 100% RDF + 5 kg Zn/ha as basal in both seasons + 1 kg B/ha basal application
4.	Source of Technology	ICAR-NRRI, Cuttuck
5.	Production system and thematic area	Rice based production system; Technology
6.	Performance of the Technology with performance indicators	The on farm trial indicated that application of Zn and B in conjugation was better as regard productivity of rice and mustard in comparison to single application. Also application of either Zn or B along with RDF increased productivity significantly over FP. The OFT revealed that application of B is *sine qua non* for optimizing productivity of mustard and rice to significant extent.
7.	Final recommendation for micro level situation	Farmers must use micronutrients like Zn and B in crops of rice and mustard
8.	Constraints identified and feedback for research	Nil
9.	Process of farmers participation and their reaction	Training and awareness; Farmers were highly satisfied with performance of improved cultivars

Initial Zn content of the soils: 0.32 – 0.74 mg kg^{-1}

Initial B content of the soils: 0.05 – 0.084 mg kg^{-1}

Thematic area: Nutrient management

Problem definition: Non-optimum productivity for lack of essential micronutrient in soil and concomitant non-application from outside

Technology assessed: Application of micronutrients of Zn and B

Results

Table A: Performance of rice crop(Cv. IR 36)

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	No. of effective tillers/hill	Filled grains/panicle					
FP	5	99.4	12.6	192	54.2	53500	84010	30510	1.57
TO1		99.8	14.4	216	57.4	54700	88970	34270	1.63
TO2		101.3	14.7	235	60.5	54200	93775	39575	1.73
TO3		103.4	15.2	249	62.2	55400	96410	41010	1.74
LSD at 5%		NS	0.32	3.87	1.84				

- Cost of production was taken to be varying only for varying cost towards fertilizer
- Selling price of paddy was taken at Rs. 1550/qtl

Table B: Performance of Mustard crop (Cv. JD 6)

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	No. of siliquae/plant	No. of seed/siliquae					
FP	5	147.6	94.5	22.5	11.59	24500	48678	24178	1.99
TO1		157.5	98.7	22.8	12.73	25250	53466	28216	2.12
TO2		159.5	102.5	26.4	13.45	25000	56490	31490	2.26
TO3		160.2	109.5	30.4	14.89	25750	62538	36788	2.43
LSD at 5%		13.5	3.56	2.48	1.78				

- Cost of production was taken to be varying only for varying cost towards fertilizer
- Selling price of paddy was taken at Rs. 4200/qtl

Results:

The on farm trial indicated that application of Zn and B in conjugation was better as regard productivity of rice and mustard in comparison to single application. Also application of either Zn or B along with RDF increased productivity significantly over FP. The OFT revealed that application of B is *sine qua non* for optimizing productivity of mustard and rice to significant extent.

OFT-4

1.	Title of On farm Trial	Evaluation of performance of different varieties of Rabi onion
2.	Problem diagnosed	Cultivation of days old varieties of onion with poor bulb formation capacity leading to reduction in yield of rabi onion in the farmer's field of Burdwan district
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP:** Sukhsagar **TO 1:** NHRDF Red **TO 2 :** NHRDF Red 3
4.	Source of Technology	NHRDF
5.	Production system and thematic area	Irrigated vegetable based production system. Varietal trial
6.	Performance of the Technology with performance indicators	Both of the varieties tested showed better result in terms of yield and economy of production in comparison to the conventional one.
7.	Final recommendation for micro level situation	NHRDF Red 3
8.	Constraints identified and feedback for research	None. For horizontal spread of the technology seeds should be produced at the local level.
9.	Process of farmers participation and their reaction	Training, demonstration and field day. Farmers were satisfied with the visible improvement of yield but concerned about the availability of the seeds in the coming season.

Thematic area: *Varietal trial*

Problem definition: Cultivation of days old varieties of onion with poor bulb formation capacity leading to reduction in yield of rabi onion in the farmer's field of Burdwan district

Technology assessed: Varieties of rabi onion

Results:

Table: Performance of Kharif onion

Technology option	No. of trials	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Sukhsagar	8	210	125000	294000	169000	2.35
NHRDF Red	8	230	131000	322000	191000	2.45
NHRDF Red 3	8	275	131000	385000	254000	2.93
LDS at 5%		**25.5**				

Results:

The on farm trial indicated that NHRDF Red 3 was the most profitable option while NHRDF and Sukhsagar were at par.

OFT-5

1.	Title of On farm Trial	Evaluation of performance of different varieties of Okra
2.	Problem diagnosed	Low yield potential of the existing variety as well as high incidence of yellow vein mosaic virus in the farmer's field leading to poor return in okra cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Panchsira / Satsira TO1: SVOK0001 TO2: Parbhani Kranti TO3: BBX-09
4.	Source of Technology	BCKV
5.	Production system and thematic area	Irrigated vegetable based production system. Varietal trial
6.	Performance of the Technology with performance indicators	Performance of two hybrids SVOK0001 and BBX-9 along with YVMV tolerant OP variety Parbhani Kranti had been studied. Result indicated that Var. SVOK0001 showed best performance in terms of yield, profitability and tolerance to YVMV. Productivity of Parbhani Kranti and BBX-9 were at par, though Parbhani Kranti was more tolerant than BBX-9.
7.	Final recommendation for micro level situation	SVOK0001
8.	Constraints identified and feedback for research	None. YVMV resistant hybrid varieties of okra need to be developed.
9.	Process of farmers participation and their reaction	Training, demonstration and field day. Farmers were satisfied with the visible improvement of yield

Thematic area: Varietal trial

Problem definition: Low yield potential of the existing variety as well as high incidence of yellow vein mosaic virus in the farmer's field leading to poor return in okra cultivation

Technology assessed: Varieties of okra

Results:

Table: Performance of different varieties of okra

Technology option	No. of trials	YVMV Disease incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Panchsira / Satsira	8	24	69	52000	103500	51500	1.99
SVOK0001	8	9	107	63500	160500	97000	2.52
Parbhani Kranti	8	12	82	53500	123000	69500	2.29
BBX-09	8	15	92	62000	138000	76000	2.22
LSD at 5%			12.5				

Results:

The on farm trial indicated that SVOK0001 was most resistant varity against YVMV and was having significantly higher productivity against all other cultivars. The farmers varieties of Panchsira/satsira was the most succeptible for YVMV and yielded significantly less than others. While the varieties of Parbhani Kranti and BBX – 09 were at par and having similar kind of succeptibility for YVMV.

OFT-6

1.	Title of On farm Trial	**Effect of different supplementary feed application methods in fish ponds in Burdwan**
2.	Problem diagnosed	Lack of awareness of fish farmers regarding usefulness of feed application methods in fish ponds leading to poor environments for fish ponds.
3.	Details of technologies selected for assessment/refinement	**FP:** Occasional use of feed by broadcasting fish feed **TO 1:** application of feed by rope and bag **TO 2:** application of feed by pole and bag
4.	Source of Technology	ICAR-CIFA,BBSR
5.	Production system and thematic area	semi intensive fish based production system and composite fish culture management practice
6.	Performance of the Technology with performance indicators	Feeding by pole and bag performed better in terms of growth rate and total yield at this farming situation
7.	Final recommendation for micro level situation	Regular checking of water pH is recommended along with application of lime.
8.	Constraints identified and feedback for research	Lack of Awareness of application of fish feed in fish ponds.
9.	Process of farmers participation and their reaction	Through training and field level demonstration. Farmers were satisfied with the performance of the technology.

Thematic area: Fish Feed Management

Problem definition: Lack of awareness of fish farmers regarding usefulness of feed application methods in fish ponds leading to poor environments for fish ponds.

Technology assessed: Different feeding methods

Technology option	No. of trials	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers' practice: Occasional use of feed by broadcasting fish feed	07	11.9	47600	119000	71400	2.5
TO1: Application of feed by rope and bag	07	25.2	85423	252000	166577	2.95
TO2: Application of feed by pole and bag	07	34.1	100294	341000	240706	3.4

Results:

Feed application methods of farmers are grossly crude because of lack of knowledge. Fish farmers do not get adequate yield owing to unscientific management practices. Traditionally the farmers cast the feed mixture into the ponds for easy operation (11.9 qt/ha). The OFT revelaed that the Production Technology Option -2 i.e. Application of feed by pole and bag in the growout pond increased the growth rate of fish significantly. The pole and bag methods (demand bag feeding) comes out as the best option of feeding fishes as far as IMC is concerned (34.1 qt/ha). The rope and bag methods are seen as second best feeding methods which gives max. production of fish (25.2 qt/ha). All the technology options produced significantly higher results than farmers practice. But technology option 2 i.e. Application of feed by rope and bag is the best option.

OFT-7

1.	Title of On farm Trial	**Assessment efficacy of growth promoter in fish feed on fish productivity under pond ecosystem of Burdwan**
2.	Problem diagnosed	Lack of awareness of fish farmers regarding usefulness of growth promoter in fish ponds leading to poor environments for fish ponds.
3.	Details of technologies selected for assessment/refinement	**Farmers' practice :** no use of growth promoter **Production Technology – 1 to be assessed:** use of growth promoter of various type **Production Technology – 2 to be assessed:** use of choline chloride
4.	Source of Technology	ICAR-CIFA,BBSR
5.	Production system and thematic area	semi intensive fish based production system and composite fish culture management practice
6.	Performance of the Technology with performance indicators	Feeding by pole and bag performed better in terms of growth rate and total yield at this farming situation
7.	Final recommendation for micro level situation	Regular application of different types fish feed rich in protein is recommended along with application of growth promoter.
8.	Constraints identified and feedback for research	Lack of Awareness of application of growth promoters in fish ponds.
9.	Process of farmers participation and their reaction	Through training and field level demonstration. Farmers were satisfied with the performance of the technology.

Thematic area: Aquatic Environment Management

Problem definition: Lack of awareness of fish farmers regarding usefulness of growth promoter in fish ponds leading to poor environments for fish ponds.

Technology assessed: Assessment f growth promoter

Technology option	No. of trials	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers' practice : no use of growth promoter	07	11.65	51777	116500	64723	2.25
Production Technology – 1 to be assessed: use of growth promoter of different type	07	15.61	58905	156100	97195	2.65
Production Technology – 2 to be assessed: use of choline chloride	07	24.6	77613	240600	162987	3.10

The perusal of data (Table- 2) that the Production Technology Option -2 i.e. application of Choline chloride @ 250 gm per bigha in the growout pond increased the growth rate of fish fingerling survivality significantly. In the ponds where the production technology option 2 was followed achievd healthy fish seed. This might be due to application of growth promoters. Technology option 2 produced significantly higher fish yield 24.6 qt/ha than those of other options and farmers practice (11.65). accordingly, the BC ratio was also higher (2.0) in the technology option 2 than others.

All the technology options produced significantly higher results than farmers practice. But technology option 2 i.e. application of Choline chloride is the best option.

OFT-8

1.	Title of On farm Trial	**Impact of cluster demonstration on farmers of Burdwan**
2.	Problem diagnose	Low adoption
3.	Details of technologies selected for assessment/refinement	**FP:** Non beneficiary **TO1:** Cluster demonstration on mustard year 2016-17 **TO2:** Cluster demonstration on mustard 2017-18
4.	Source of Technology	-
5.	Production system and thematic area	Impact assessment
6.	Performance of the Technology with performance indicators	**Increase in yield, Horizontal spread, change in attitude, change in knowledge, problem identification**
7	Final recommendation	Continued
8.	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Through structured interview

Results : Results awaited.

OFT-9

1.	Title of On farm Trial	**Effectiveness of extension intervention on knowledge gain in combination with social media-Whatsapp**
2.	Problem diagnose	Low gain of knowledge leads to low adoption
3.	Details of technologies selected for assessment/refinement	**Farmers practice: knowledge gain before treatment** **TO1: Training+ Demonstration** **TO2: Training +Whatsapp Group** **TO3: Demonstration + Whatsapp Group** **TO4: Training + Demonstration+Whatsapp group**
4.	Source of Technology	KVK Burdwan
5.	Production system and thematic area	Crop based production systems; Extension Training methods
6.	Performance of the Technology with performance indicators	**Continuing**
7	Final recommendation	--
8.	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Group formation in whatsapp; regular interaction through query

Results : Continuing .

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration		
				Proposed	Actual	SC/ST	Others	Total
1.	Jute	Improved variety	JRO 204 Local Chk. JRO 524	10	10	17	38	55
2.	Groundnut	Nutrition management	Sulphur and micronutrient nutrition in TG-37A; The crop was cultivated using 50 Kg sulfur/ha as basal given on soil test basis and Zn, B and Mo micronutrient mixture was sprayed three times at 25,35 and 45 DAS.	40	40	24	78	102
3	Mustard	Nutrition management + Improved variety	Sulfur and micronutrient nutrition in JD-6; The crop was cultivated using 20 Kg sulfur/ha as basal given on soil test basis and Zn, B and Mo micronutrient mixture was sprayed two times at 45,60 DAS.	50	53	38	95	133
4	Lentil	Pest management	Integrated disease management in W.B.L-77; For IDM, trichoderma and pseudomonas were sused for seed treatment, two foliar spray were used during 25 and 45 DAS. Case specific use of thiophenate methyl was done	40	40	88	160	248
5	Chickpea	Nutrient management	Integrated nutrient management in JAKI-9218; The crop was cultivated using rhizobium for seed inoculation and 20:40:20:20 N,P,K and S was applied	13.5	13.5	27	78	105
6	Sesame	Sulphur and Boron nutrition in sesame (Var. RT 346)	RT-346 Sulfur and Boron nutrition; The crop was cultivated using 15-20 Kg sulfur/ha as basal given on soil test basis and boron was sprayed three times at 35,45 and 55 DAS.	52	52	65	213	278
7	Green gram	Nutrient management	Nutrient management in SML 668; 20kg sulfur/ha was applied along with 20:50:20 N,P and K.	20	20	44	109	153
8	Onion	Introduction in Kharif season	Agrifound Dark Red	3	3.5	3	20	23
9	Annual Moringa	Improve d variety	PKM 1	1	1	4	6	10
10	Brinjal	Improve d variety	Bhangar Selection	-	3	9	11	20
	Banana	Tissue cultured	Grand Naine	1.5	1.5	5	10	15
11	Sorghum	Improved agronomic	Hyb. Sudexchari	-	0.5	1	5	6

		practices						
12	Maize	Package of demonstration	African Tall	-	0.5	0	5	5
13	Rice bean	Improved agronomic practices	Bidan 2	-	0.3	0	5	5
14	Azolla	Cultivation practice	*Azolla piñata* was grown with SSP application in poly pits			1	19	20
15	Oat as fodder	Improved agronomic practices	Improved variety and method of sowing Var. Kent	1	1	-	10	10
16	Berseem	Package of demonstration	Improved variety, time of sowing, nutrient management , feeding practice	0.7	07		10	10
17	Nutritional garden			0.4	0.4	0	20	20
			TOTAL	**233.1**	**247.2**	**326**	**892**	**1218**

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Jute	Pre kharif	Irrigated	Loamy	230	42	195	Potato	April 02 – 08th, 2016	July 20 – 25, 2016	830 mm	
Groundnut	Kharif and rabi	Irrigated	Sandy loam	270	48	190	Kharif – Groundnut	Kharif – June 18 – 28, 2017	Kharif – Sept, 13 -24, 2017	320 mm	
Mustard	Rabi	Irrigated	Clay loam to loam	210	35	185	Paddy	Nov. 6 – 10, 2017	Feb 10 – 12, 2018	Negligible	
Lentil	Rabi	Irrigated	Clay loam to loam	225	36	220	Paddy	Nov. 17 – 28, 2017	Feb. 22 –Mar 6 2018	Negligible	
Chickpea	Rabi	Irrigated	Clay loam to loam				Paddy	Nov.20-30,2017	March.02-10,2018		
Sesame	Pre kharif	Irrigated	Clay loam to loam	225	45	220	Fallow	March 22 – 28, 2017	May.23-June.05,2017	Negligible	
Green gram	Pre kharif	Irrigated	Clay loam to loam	180	28	190	Fallow	March 15 – 25, 2017	May.12-28,2017	Negligible	

Onion	Kharif	Irrigated	Loam	240	56	200	Vegetables	Jul. 20-25, 2017	Nov. 1, 2017 – Nov.18, 2017	950 mm	
Annual moringa	Year round	Irrigated	Loam	210	50	170	Vegetables	July 10-14, 2017	-	920 mm	
Brinjal	Rabi	Irrigated	Loam	240	37	175	Vegetables	Sept. 20-25, 2017	Dec. 1, 2017 – Feb.20, 2018	850 mm	
Banana	Year round	Irrigated	Loam	220	50	180	Vegetables	Aug 10-15, 2017	Not yet harvested	850 mm	
Sorghum	Rabi	Irrigated	Clay loam to loam								
Maize	Rabi	Irrigated	Clay loam to loam								
Rice bean	Rabi	Irrigated	Clay loam to loam								
Azolla	Year round	Irrigated	--								
Oat as fodder	Rabi	Irrigated	Clay loam to loam								
Berseem	Rabi	Irrigated	Clay loam to loam								
Nutritional garden	Year round	Irrigated									

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	Varietal	Improved variety of TG 37A	102	40	19.12	17.4	9.88	42240	79506	37266	1.9	39520	70140	30620	1.77
Mustard	Nutrition management in improved variety	Sulfur and boron nutrition in Pusa Mustard 26	133	53	15.62	12.47	25.26	24900	57650	32750	2.31	23150	44500	21350	1.92
Sesame	Nutrition management in improved variety	Sulfur and boron nutrition	278	52	8.96	8.2	9.26	18850	36822	17972	1.95	17850	28748	10898	1.61
Total			**513**	**145**											

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Lentil	Disease management	Integrated disease management	148	40	10.37	8.5	22	15950	41480	25530	2.60	14250	34000	19750	2.39
Chickpea			105	13.5	10.44	8.17	27.78	19600	46980	27380	2.40	16500	36765	20265	2.23
Green gram	Varietal	Improved variety	153	21	9.64	8.6	12.9	26450	43741	17291	1.65	24500	39708	15208	1.62
	Total		**406**	**74.5**											

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Jute	Production technology	Improved production technology	55	7	30.2	26.9	12.34			66250	98150	31900	1.48	65625	87730	22105	1.34
Sorghum	Improved agronomic practices	Hyb. Sudexchari	6	0.5	894	795	12.4	Pl. ht-213 cm , DM-20 %	Pl. ht-205 cm , DM-19.5 %	10250	26820	16570	2.62	10500	23850	13350	2.27

Maize	Package of demonstration	African Tall	5	0.5	410	360	13.89	Pl. ht-302 cm , DM-17.65 %	Pl. ht-285 cm , DM-17.30 %	9780	27210	17430	2.78	9900	20080	10180	2.03
Rice bean	Improved agronomic practices	Bidan 2	5	0.3	248	204	21.56	Dry matter 18.15 %	Dry matter 17.90	8100	19670	11570	2.43	7870	14280	6410	1.81
Oat as fodder	Improved agronomic practices	Improved variety and method of sowing Var. Kent	10	1	410	356	15.16	Dry matter 14.51 %	Dry matter 13.94 %	11820	21850	10030	1.84	12220	19150	6930	1.57
Berseem	Package of demonstration	Improved var. Wardan	10	0.7	468	399	17.29	DM-12.3%	DM-12.1 %	11900	23450	11550	1.97	11700	19390	7690	1.65
Azolla	Introduction of azolla as animal feed		20	40 sq mtr	4550kg/ 10 sq mtr/year	-	-	Increase in fat by 0.8%	-	12500	36400	23800	2.91				
Kitchen Garden	Supplementation of diversified vegetables to farm families through kitchen garden		20	0.4	182.70	158.6	15.19	-	-	72000	150800	78800	2.09	64500	109800	45300	1.70
Onion	Introduction of onion in kharif season	Agrifound Dark Red	23	3.5	250	No existing variety	-			125000	350000	225000	2.8	-	-	-	-
Annual moringa	Improve d variety	PKM 1	10	1	No fruit set												

Brinjal	Improved variety	Bhangar Selection	20	3	255	220	15.5			107000	280500	153400	2.62	107000	242000	135000	2.26
Banana	Tissue cultured	Grand Naine	15	1.5	Standing crop												
	Total																

Livestock

No demonstration on livestock was conducted

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Others (pl.specify)	Crop diversification	Culture practice of GIFT Tilapia	01	01	1.5 t/ha	3.5 t/ha				88516	163755	75239	1.85	68589	106313	37724	1.55

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

None

Women empowerment

None

Farm implements and machinery

None

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Paddy	PAC 831	5	2	8350	5560	50.2				
Bottle gourd		10	1							
Okra		10	1							
Total		**25**	**4**							

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1	Jute (improved variety)	Seed of improved varieties like JRO 204, CO-58 to made available in local market
2	Groundnut	Gypsum is not available. As such cost of cultivation increases
3	Mustard	JD 6 is a very promising variety. Oil percentage is comparable B 9. Need dwarf varieties with comparable yield
4	Lentil	Although fusarium wilt can be controlled to a fair extent with integrated control, but it still persists. Need to ameliorate soil pH.
5	Sesame	RT 346 is a promising variety. Its drying time is more
6	Green gram	SML 668 is a very good variety. Infestaton of
7	Onion	--
8	Annual moringa	The variety is having problem with fruiting
9	Brinjal	--
10	Oat as fodder	Seed should be available in early October
11	Berseem	Seed should be available in early October
12	Kitchen Garden	Through out the year availability of vegetable has reduced the cost of purchasing vegetables from market.
13	Azolla	Continued
19	Deshi magur culture	--
20	Improved culture practices of Koi	--

Extension and Training activities under FLD

Given later

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2017 and Rabi 2017-18:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	AK 12- 24	17.4 q	Nil	Nil	390	TG 37 A	102	40	22.3	11.6	19.06	N/a	N/a	60
2.	Lentil	Ranjan	8.5	+0.4	+0.1	-3.9	W.B.L-77 IDM	248	40	12.5	7.8	10.37	--	--	52
3.	Chickpea	Mahamaya	8.17	+0.53	+0.2	-3.3	JAKI-9218 INM	105	13.5	12.3	8.4	10.44	--	--	31

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Groundnut; Improved variety, TG 37A	36971	65720	28748	1.77	41868	79617	37749	1.9
2.	(Lentil) W.B.L-77 IDM	14250	34000	19750	2.39	15950	41480	25530	2.60
3.	(Chickpea) JAKI-9218 INM	16500	36765	20265	2.23	19600	46980	27380	2.40

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Groundnut, TG 37 A	76480	650	42	9000	3200	Household activities	1.4
2.	Lentil WBL-77	15600	70 kg	40	1200	1500	Household activities	0.8
3.	Chickpea JAKI-9218	5500	140 kg	45	750 kg	450	Household activities	1.5

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1.	Improved variety	Suitable for Groundnut – potato - groundnut	Good variety	Affordable	Nil	Acceptable	Very good variety.

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Groundnut			
Yield	Good	Better than existing variety	Acceptable
Lentil			
Decrese in disease incidence	Very good. The technology wasvery effective in controlling the fusarium wilt in lentil	The local check was spraying of carbendazim or mancozeb. It was not being effective in controlling the disease	As per farmers feedback 72% farmes overall would apply the technology next year

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.Groundnut	Training	17.08.17 at Bharatpur, Galsi - I 22.08.17at Puratangram, Galsi - I	**23** **42**
	Field visit/Field day	17.08.17/12.10.17at Puratangram, Galsi - I 22.08.2017 at Fatepur, Galsi - I	**34/44** **25**
2.Lentil	Training	12.02.18 at Puratangram, Galsi-I	**62**
		01.03.18 at fatepur, Galsi-I	**69**
		06.03.18 at Napur, Raniganj	**65**
		12.03.18 at Golahat Purbasthali-I	**60**
	Field day	09.02.18 at Puratangram, Galsi-I	**105**
		13.02.18 at Kuricha, Golahat, Purbasthali-I	**105**
		14.02.18 at Fatepur, Galsi-I	**112**
		15.02.18 at Napur, Raniganj	**110**

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated.

1. J. Crop: Groundnut; Season: Kharif 2017

Area: 40 ha; Budget sanctioned = 8500.00 x 40 = Rs. 340000.00

Crop (provide crop wise information)	Items	Budget Sanctioned (Rs.)	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut (TG 37A)	i) Critical input			260500	
	ii) TA/DA/POL etc. for monitoring			28200	
	iii) Extension Activities			22300	
	iv)Publication of literature			--	
	Total	**340000**	**340000**	**311000**	**29000**

2. Crop: Mustard Season: Rabi 2017-18

Area: 40 ha; Budget sanctioned = 6000.00 x 40 = Rs. 240000.00

Crop (provide crop wise information)	Items	Budget Sanctioned (Rs.)	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard (JD 6)	i) Critical input			172475	
	ii) TA/DA/POL etc. for monitoring			20000	
	iii) Extension Activities			23000	
	iv)Publication of literature			11000	
	Total	**240000**	**120000**	**226475**	**(-) 106475**

Crop (provide crop wise information)	Items	Budget Sanctioned (Rs.)	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil (WBL77)	i) Critical input			245800	
	ii) TA/DA/POL etc. for monitoring			10000	
	iii) Extension Activities			23000	
	iv)Publication of literature			11000	
	Total	**300000**	**132956**	**289800**	**(-) 156844**

1. Crop: Chickpea Season: Rabi 2017-18

Area: 10 ha; Budget sanctioned = 7500.00 x 10 = Rs. 75000.00

Crop (provide crop wise information)	Items	Budget Sanctioned (Rs.)	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Chickpea (JAKI 9218)	i) Critical input			66250	
	ii) TA/DA/POL etc. for monitoring				
	iii) Extension Activities				
	iv)Publication of literature				
	Total	**75000**	**Nil**	**66250**	**(-) 66250**

a) List of farmers

Name of farmer	Father name	Village	Block	Mobile No.	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo yield (q/ha)	Yield of local check (q/ha)	
					Latitude	Longitude								
Mahadeb Porey	Susen Porey	Bharatpur	Galsi-1	9735848917	232420	872638	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		% ge
Subrata Porel	Sushanta Porel	Bharatpur	Galsi-1	9134732750	232415	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Ashis Maity	Raju Maity	Bharatpur	Galsi-1	9609637607	232421	872646	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Debu Bagdi	Arun Bagdi	Bharatpur	Galsi-1	9609558801	232415	872635	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Prabir Samanta	Aboni Samanta	Bharatpur	Galsi-1	9609558801	232412	872636	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	22.3	17.1	30.4
Susen Porey	Balai Porey	Bharatpur	Galsi-1	9732262966	232421	872633	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Anil Samanta	Rambistu Samanta	Bharatpur	Galsi-1	8001368131	232420	872637	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	21.4	16.9	26.6
Hiru Mondal	Bonamali Mondal	Bharatpur	Galsi-1	9734787755	232423	872646	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Ratan Pramanik	Santosh Pramanik	Bharatpur	Galsi-1	9647360269	232424	872633	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Bechuram Tung	Juthister Tung	Bharatpur	Galsi-1	9564262927	232414	872630	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Biswajit Maity	Tapan Maity	Bharatpur	Galsi-1	9153219067	232421	872644	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Ashoke Jana	Lalit Jana	Bharatpur	Galsi-1	9434163438	232423	872646	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Arjun Samanta	Panchanan Samanta	Bharatpur	Galsi-1		232421	872633	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Anup Mondal	Ananda Mondal	Bharatpur	Galsi-1	9083266904	232416	872634	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Rupali Samanta	Bijoy Jana	Bharatpur	Galsi-1	9732914451	232425	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Swapan Khara	Arjun Khara	Bharatpur	Galsi-1	9732369460	232415	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Debasish Khara	Swapan Khara	Bharatpur	Galsi-1	8145627455	232421	872646	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		

Bikash Jana	Ashok Jana	Bharatpur	Galsi-1	7384443536	232412	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Arjun Shau	Indra Narayan Shau	Bharatpur	Galsi-1	9735870213	232421	872644	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Prasenjit Maity	Tapan Maity	Bharatpur	Galsi-1	9233492808	232414	872637	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Sumanta Porel	Susanta Porel	Bharatpur	Galsi-1	9609293907	232419	872637	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Kartik Bagdi	Haren Bagdi	Bharatpur	Galsi-1	9609558801	232416	872634	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Rabindranath Porey	Ranjit Porey	Bharatpur	Galsi-1	9609071162	232425	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Sanjay Khamrul	Banerswar Khamrul	Bharatpur	Galsi-1	7407314794	232412	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Utpal Jana	Sudhir Jana	Bharatpur	Galsi-1	9932964703	232420	872637	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Bimal Samanta	Jaydeb Samanta	Bharatpur	Galsi-1	8348102340	232421	872635	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Kailash Midda	Madan Midda	Bharatpur	Galsi-1	9932906174	232417	872643	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Arup Maity	Biswanath Maity	Bharatpur	Galsi-1	7872928250	232422	872644	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Rabi Jana	Karuna Jana	Bharatpur	Galsi-1	9564659008	232415	872641	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Debu Midda	Madan Midda	Bharatpur	Galsi-1	9641502142	232423	872646	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Nirmal Jana	Sudhir Jana	Bharatpur	Galsi-1	9609727348	232421	872633	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	20.5	16.6	23.5
Jayanta Maiti	Pran Krishna Maiti	Bharatpur	Galsi-1	8515077405	232508	872402	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Uttam Jana	Karuna Jana	Bharatpur	Galsi-1	9775762592	232538	872422	Y	25-40-70-30 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Rajesh Maity	Sankar Maity	Bharatpur	Galsi-1	9002969785	232520	872410	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Swapan Parui	Nimoi Parui	Bharatpur	Galsi-1	814559794	232526	872414	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Prabir Sarkar	Prafullya Sarkar	Bharatpur	Galsi-1	7865070199	232423	872631	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Surojit Maity	Nabani Maity	Bharatpur	Galsi-1	8016499425	232415	872641	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Kamala Kanta Poray	Ranjit Porey	Bharatpur	Galsi-1	9564661815	232419	872637	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		

Swapan Samanta	Panchanan Samanta	Bharatpur	Galsi-1	8101246689	232414	872637	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Biraj Midda	Madan Midda	Bharatpur	Galsi-1	8609848654	232520	872410	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Subhojit Midda	Swapan Midda	Bharatpur	Galsi-1	7699698694	232526	872414	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Tarapada Maity	Bhajahari Maity	Bharatpur	Galsi-1	8509007518	232520	872430	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Manik Mondal	Banamali Mondal	Bharatpur	Galsi-1	9144245927	232538	872422	Y	22-40-50-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Biswajit Maji	Hari Sadhan Maji	Bharatpur	Galsi-1	8145475602	232544	872415	Y	25-40-70-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Srikanta Maity	Pran Krishna Maiti	Bharatpur	Galsi-1	8372950941	232515	872430	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Somnath Maity	Sadananda Maity	Bharatpur	Galsi-1	9647919791	232517	872415	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Prasanta Samanta	Nemai Samanta	Bharatpur	Galsi-1	9093293417	232520	872420	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Sk Narul Hoda	Sk Abdul Momin	Puratangram	Galsi-1	9933646634	231534	873635	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.5	16.4	25.0
Sahajahan Khan	Sayed Khan	Puratangram	Galsi-1	9635122700	231532	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.5	16.1	21.1
Sushanta Bagdi	Narayan Bagdi	Puratangram	Galsi-1	9609688271	231524	873622	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20	16.3	22.7
Lyakat Ali Mondal	Abdul Rahim Mondal	Puratangram	Galsi-1	9735868600	231533	873632	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	12.4	10.1	22.8
Abul Hossain Choudhury	Amirul Haque Choudhury	Puratangram	Galsi-1	8609666752	231529	873631	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	16.8	13.1
Mithu Bagdi	Kartick Bagdi	Puratangram	Galsi-1	8514071203	231531	873632	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	Fully Damaged		
Ahad Mondal	Sademani Mondal	Puratangram	Galsi-1	9732277817	231526	873631	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	13.5	10.2	32.4
Debu Bagdi	Bipad Bagdi	Puratangram	Galsi-1	9134138177	231524	873635	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.5	16.3	25.8
Akbar Sekh	Ensan Sekh	Puratangram	Galsi-1	8346996177	231519	873630	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	14.7	29.3
Hekim Sekh	Alam Sekh	Puratangram	Galsi-1	8346996177	231522	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20	16.4	22.0
Saban Choudhury	Matiar Rahaman Choudhury	Puratangram	Galsi-1	7699064484	231534	873621	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	21	16.8	25.0
Raub Choudhury	Amirul Haque Choudhury	Puratangram	Galsi-1	8609666752	231530	873621	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	21.5	17	26.5

Abdus Sobhan Sekh	Israil Sekh	Puratangram	Galsi-1	8609068714	231526	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20	16.3	22.7
Sobhan Khan	Sahajahan Khan	Puratangram	Galsi-1	9007855087	231520	873631	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.5	14.2	37.3
Choudhury Imran Hossain	Choudhury Mosaraf Hossain	Puratangram	Galsi-1	7699334837	231524	873631	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.5	16.4	25.0
Mashiruddin Mirja	Nazrul Mirja	Puratangram	Galsi-1	8515974054	231529	873628	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.1	15.9	20.1
Nasiruddin Mondal	Iliyas Mondal	Puratangram	Galsi-1	7699329763	231528	873621	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	11.6	10.8	7.4
Rafick Mollick	Raosan Mallick	Puratangram	Galsi-1	7407620710	231533	873627	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.9	15.3	30.1
Ismail Sekh	Somsu Sekh	Puratangram	Galsi-1	9002760749	231530	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.2	15.9	20.8
Hena Mandal	Erfan Mondal	Puratangram	Galsi-1	8512936872	231536	873620	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.2	16.4	23.2
Sk Rabiul Hosen	Sk Abu Kasem	Puratangram	Galsi-1	8515878354	231530	873628	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	21	16.9	24.3
Sk Borjahan	Sk Badsha	Puratangram	Galsi-1	9091478300	231527	873621	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	16.1	18.0
Saiful Islam Choudhury	Asgar Ali Choudhury	Puratangram	Galsi-1	7699330900	231524	873628	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	21	16.1	30.4
Khan Hosenul Gani Siddque	Khan Fazlul Mannan	Puratangram	Galsi-1	9002873655	231523	873627	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.4	16.2	19.8
Kanchan Sekh	Swapan Sekh	Puratangram	Galsi-1	7699059551	231519	873628	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.5	16.6	23.5
Mosaraf hossain Chowdhury	Muyajjem Chowdhury	Puratangram	Galsi-1	9547674197	231521	873620	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.7	16.3	20.9
Sujauddin Khan	Sahjahan Khan	Puratangram	Galsi-1	7699620532	231518	873628	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.3	17	19.4
Sk. Siddik	Sk Idris	Puratangram	Galsi-1	8926536774	231517	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.4	16.1	20.5
Sk. Bulbul	Sk. Babar Ali	Puratangram	Galsi-1	9134966828	231518	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.8	16.3	21.5
Sk. Manik	Sk. Syed Ali	Puratangram	Galsi-1	7074884993	231519	873624	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.8	17	22.4
Qutub Modal	Iliyas Mondal	Puratangram	Galsi-1	9735100670	231522	873624	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	21	17.1	22.8
Sk. Akbul	Sk. Murad Ali	Puratangram	Galsi-1		231518	873622	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.8	16.2	22.2
Choudhury Moidul Islam	Choudhury Rafikul Islam	Puratangram	Galsi-1	9732104133	231528	873625	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	20.4	16.8	21.4
Narayan Bagdi	Ananda Bagdi	Puratangram	Galsi-1		231530	873621	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.9	16.6	19.9
Bablu Bagdi	Fani Bagdi	Fatepur	Galsi-1	9800989159	232115	872944	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	16.2	17.3

Ramchandra Bagdi	Naran Bagdi	Fatepur	Galsi-1	7602776999	232114	872940	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.3	16.2	19.1
Madu Bagdi	Ganesh Bagdi	Fatepur	Galsi-1	8513945671	232115	872935	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.2	15.1	13.9
Lakshman Bagdi	Sanatan Bagdi	Fatepur	Galsi-1	9932750722	232116	872943	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.3	15.6	17.3
Khetrapal Ghosh	Nabakumar Ghosh	Fatepur	Galsi-1	8972735537	232120	872942	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.6	14.9	18.1
Debasish Mondal	Prabhas Chandra Mondal	Fatepur	Galsi-1	8513969409	232123	872940	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.4	15.2	21.1
Chirodip Mukherjee	Pranab Mukherjee	Fatepur	Galsi-1	8514955271	232115	872939	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.4	13.8	26.1
Sekh Alam	Sekh Mor Selim	Fatepur	Galsi-1	7602811054	232122	872938	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.1	14.6	17.1
Milan Ghosh	Badal Ghosh	Fatepur	Galsi-1	7319390770	232128	872941	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.3	15.2	20.4
Uttam Ghosh	Bhutnath Ghosh	Fatepur	Galsi-1	8346067816	232126	872943	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	15.8	20.3
Sandip Ghosh	Sudhir Ghosh	Fatepur	Galsi-1	9679997419	232113	872938	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.8	14.8	20.3
Arjun Santra	Jiban Santra	Fatepur	Galsi-1	7567134313	232115	872939	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19.2	16	20.0
Niranjan Sarkar	Madhusudan Sarkar	Fatepur	Galsi-1	9800754405	232133	872944	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.6	15.5	20.0
Modan Mohan Mondal	Mahananda Mondal	Fatepur	Galsi-1	8001503576	232131	872941	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.4	14.6	26.0
Bhabesh Chandra Auliya	Gaurapada Auliya	Fatepur	Galsi-1	9734291414	232132	872945	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	19	15.6	21.8
Pronab Biswas	Durgapada Biswas	Fatepur	Galsi-1	9732351152	232130	872940	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.8	14.8	20.3
Smrat Sarkar	Kanai Lal Sarkar	Fatepur	Galsi-1	9735846450	232119	872938	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.7	14.5	22.1
Najma Begam Sk	Sumsuddin Sk	Fatepur	Galsi-1	8116715931	232118	872937	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.2	15.3	19.0
Ajit Ghosh	Durgapada Ghosh	Fatepur	Galsi-1	8972192780	232128	872938	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.8	16.2	16.0
Minar Alam Sk	Islam Sk	Fatepur	Galsi-1	8641811320	232125	872935	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	18.6	14.7	26.5
Jamal Sk	Alauddin Sk	Fatepur	Galsi-1	8619313308	232120	872941	Y	30-40-60-40 NPKS	Improved variety	TG 37A	120 kg / ha	17.8	13.5	31.9

a) Crop -Mustard

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used (Kg)	Demo yield q/ha	Yield of local check q/ha	% increase
						Latitude	Longitude			Sulphur and Micronutrient	JD-6					
Subal Ruidas	Radhu Ruidas	Nupur	Raniganj	9851878758		235828	871340	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16	13.8	15.94
Tapan Pal	Manohar Pal	Nupur	Raniganj	8906349825		235829	871341	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.2	14	15.71
Dhananjay Mandal	Rasamoy Mandal	Nupur	Raniganj	9749810050		235829	871339	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.8	14.3	17.48
Tapas Gorai	Basudeb Gorai	Nupur	Raniganj	7076313396		235830	871341	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.5	14.2	16.20
Tarapada Paul	Bhagirath Paul	Nupur	Raniganj	8906777109		235830	871342	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.3	14	16.43
Lakhinarayan Gorai	Gopal Gorai	Nupur	Raniganj	9933418594		235831	871357	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.7	13.2	26.52
Ashoke Kumar Paul		Nupur	Raniganj	9547048214		235834	871359	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.1	12.1	33.06
Ashok Gorai	Narod Gorai	Nupur	Raniganj	8906650322		235832	871357	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.4	12.5	31.20
Lakhinarayan Bhuni	Sripati Bhuni	Nupur	Raniganj	9647962708		235835	871359	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.5	12.5	32.00
Sushanta Mondal	Lotan Mondal	Nupur	Raniganj	7407189154		235829	871358	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.2	12.1	33.88
Asit Mondal	Samar Mondal	Nupur	Raniganj	9563330653		235830	871356	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.7	13.2	26.52
Bijay Mandal	Dayamay Mandal	Nupur	Raniganj	9749118497		235832	871359	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.5	13.15	25.48
Laxman Ruidas	Shirihari Ruidas	Nupur	Raniganj	9563277881		235828	871356	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.8	12.9	30.23
Sushil Mondal	Nepal Mondal	Nupur	Raniganj	8972220559		235831	871359	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.2	11.9	36.13
Bharat Gorai	Rabindranath Gorai	Nupur	Raniganj	8927353977		235836	871358	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.4	12.8	28.13
Madhusudan Mondal	Kalipada Mondal	Nupur	Raniganj	9851109723		235838	871359	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.8	12.5	34.40

Tapan Garai		Nupur	Raniganj	9614854862		235834	871356	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.1	12.1	33.06
Biswajit Gorai	Manik Gorai	Nupur	Raniganj	7477411688		235835	871357	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.7	12.9	29.46
Pradip Pal	Lalmohan Pal	Nupur	Raniganj	9679321556		235837	871359	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.4	12.9	27.13
Shasthipada Ghosh	Senapati Ghosh	Siddhapur	Jamuria	9093739990		237388	871538	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.2	12.5	29.60
Arun Kumar Bag	Gokul Bag	Siddhapur	Jamuria	9647632740		237386	871537	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	15.9	12.6	26.19
Haradhan Patra	Anath Bandhu Patra	Siddhapur	Jamuria	9732271358		237389	871538	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.7	13.1	19.85
Manesh Patra	Nitai Patra	Siddhapur	Jamuria	9732089351		237385	871537	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.8	12.5	26.40
Prasenjit Paul	Akshay Paul	Siddhapur	Jamuria	9679849873		237387	871539	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	16.4	12.3	33.33
Uttam Paul	Bholgobinda Paul	Siddhapur	Jamuria	8515971843		237390	871541	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.3	11.9	36.97
Bisnupada Patra	Ranjit Patra	Siddhapur	Jamuria	7797548104		871592	871540	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.5	11.6	33.62
Mahadev Ghosh	Baidyanath Ghosh	Siddhapur	Jamuria	8145667822		871594	871541	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.8	12.6	25.40
Raghupati Mondal		Bagdiha	Jamuria	9732311377		871591	871542	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.4	11.8	38.98
Swapan Mahuri	Sakhhigopal Mahuri	Siddhapur	Jamuria			237382	871539	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.7	13	20.77
Purna Ghosh		Bagdiha	Jamuria	9609575762		237380	871536	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16.3	13.4	21.64
Santosh Gorai	Tarapada Gorai	Siddhapur	Jamuria	8436388342		237385	871538	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.9	11.7	35.90
Rabilal Garai	Nabagopal Garai	Siddhapur	Jamuria	8768654663		237382	871537	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.16	1.2	16.2	12.5	29.60
Jiban Bag	Amritlal Bag	Bagdiha	Jamuria	9734733432		237384	871536	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	15.5	12.8	21.09
Bimal Ghosh	Vutnath Ghosh	Bagdiha	Jamuria	9735896190		237381	871536	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.16	1.2	15.9	12.6	26.19
Kajal Paul	Nabagopal Paul	Siddhapur	Jamuria	9775702772		237386	871539	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.16	1.2	16	11.9	34.45
Rabilochan Ghosh	Shyamapada Ghosh	Siddhapur	Jamuria	7797502908		237390	871540	Yes	N:P:K:S = 80:40:40:20 +Micronutrient spray	Do	Do	0.16	1.2	15.5	11.8	31.36
Nantu Debnath	Brojemdra Debnath	Rajapur	Purbasthali_I			234365	882963	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	14	13.1	6.87
Samir Debnath	Shankar Debnath	Rajapur	Purbasthali_I			239033	878945	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	14.9	12.6	18.25

Amalendu Debnath	Ramesh Chandra Debnath	Rajapur	Purbasthali_I	9564023652		234167	883127	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	14.6	13.1	11.45
Brojendra Debnath	Jashoda Debnath	Rajapur	Purbasthali_I	9593109577		234039	883244	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	15.6	12.5	24.80
Saraswati Bag	Gurucharan Bag	Golahat	Purbasthali_I			234171	882940	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.8	12.3	28.46
Amal Sing	Surya Sing	Golahat	Purbasthali_I			234225	883181	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.60	4.53	14.7	11.9	23.53
Krishna Debnath	Matilal Debnath	Golahat	Purbasthali_I			234044	883250		N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.7	11.6	35.34
Ananta Bag	Bijay Bag	Golahat	Purbasthali_I			234224	883185	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	15.2	12.2	24.59
Tripti Das	Ganesh Dutta	Golahat	Purbasthali_I	9732464126		234220	883189	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	15.9	11.8	34.75
Kalpana Bag	Dhukhiram Bag	Golahat	Purbasthali_I			234218	883196	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	16.3	12.6	29.37
Goutam Dutta	Bimal Dutta	Golahat	Purbasthali_I	9647244787		239037	878945	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	15.4	12.4	24.19
Durga Bag	Anil Kumar Biswas	Golahat	Purbasthali_I			234041	883248	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	16	11.9	34.45
Gita Bag	Shibu Roy	Golahat	Purbasthali_I			234219	883196	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	15.2	12.1	25.62
Kartick Chandar Das	Anil Chandra Das	Golahat	Purbasthali_I	9732464126		234168	883129	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15	11.7	28.21
Sahajan Seikh	Jamal Seikh	Manganpur	Purbasthali_I	8640959678		234175	883125	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	14.5	12.5	16.00
Bharat Chandra Ghosh	Kartik Ghosh	Bhatsala	Purbasthali_I	7047121670		234226	883191	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	14.8	12.1	22.31
Fajul Sekh	Satish Sekh	Bhatsala	Purbasthali_I			234375	882931	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	14.5	13.1	10.69
Abu Bakkar Khan	Surban Khan	Betpukur	Purbasthali_I			239037	878943	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.64	4.83	15.6	13.2	18.18
jiban Sannyal	Mahadeb Sannyal	Betpukur	Purbasthali_I			239033	878952	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.64	4.83	15.2	12.9	17.83
Biswambhar Das	Ramesh Das	Kuricha	Purbasthali_I	9232792051		234824	882875	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.6	13.1	19.08
Suvankar Debnath	Tarani Debnath	Kuricha	Purbasthali_I	8967705009		234823	882871	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	15.8	11.7	35.04
Arjun Das	Nibaran Das	Kuricha	Purbasthali_I	8768693090		234214	883196	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	15.9	12.5	27.20
Gobinda Chandra Das	Tarapada Das	Kuricha	Purbasthali_I	8900058314		234226	883187	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	16.1	12.1	33.06
Praneswar Bhowmik		Kuricha	Purbasthali_I	9732896586		234225	883188	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	16.3	12.9	26.36

Bishwajit Das	Uttam Das	Chakbaman Goriya	Purbasthali_I	8927272075		234175	882936	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.4	11.9	29.41
Rakhal Das	Nanikanta Das	Chakbaman Goriya	Purbasthali_I	8001692920		234217	883190	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.1	11.5	31.30
Majibar Sk	Ismail Sk	Nasipur	Purbasthali_I	9732102050		234224	883177	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.58	4.37	15	12.6	19.05
Tapan Das	Kanulal Das	Ramchandrapur	Purbasthali_I			239032	878948	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.8	11.5	37.39
Binod Das	Prabhat Das	Banki	Purbasthali_I			234372	882972	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	14.6	12.6	15.87
Banamali Orao	Sukumar Orao	Shyampur	Purbasthali_I			234220	883198	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.58	4.37	15.3	13.1	16.79
Biren Orao	Binod Orao	Chaitpur	Purbasthali_I			234216	883203	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.58	4.37	15.7	12.5	25.60
Sekh Samsuddin	Sekh Kalmuddin	Fatepur	Galsi-I	8609083415		233562	874977	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	16.1	12.3	30.89
Sekh Alam	Sekh Mor Selim	Fatepur	Galsi-I	7602811054		233555	874981	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	16	11.9	34.45
Nurjahan Khatun	Sekh Nurul Huda	Fatepur	Galsi-I	9134210375		233561	874981	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	16.2	12.2	32.79
Sabur Ali Mondal	Jamir Mondal	Fatepur	Galsi-I	9134210375		233554	874980	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.9	12.6	26.19
Sekh Akbar	Sekh Sultan	Fatepur	Galsi-I	9134210375		233551	874979	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.7	11.8	33.05
Sekh Asgar	Sekh Sultan	Fatepur	Galsi-I	8116715931		233563	874975	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.9	13	22.31
Sabibar Kaji	Based Ali Kaji	Fatepur	Galsi-I	9153400819		233564	874976	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.3	13.4	14.18
Md Maksud	Md Mustakim	Fatepur	Galsi-I	8515991906		233567	874975	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	16	11.7	36.75
Kaji Habib Rahaman	Based Ali	Fatepur	Galsi-I	9093623782		233562	874976	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.8	12.5	26.40
Sarif Kaji	Hasibar Kaji	Fatepur	Galsi-I	8116803975		233553	874979	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.4	12.8	20.31
Hasibar Kaji	Baset Kaji	Fatepur	Galsi-I	9564688482		233566	874983	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.6	12.6	23.81
Tabibar Kaji	Based Kaji	Fatepur	Galsi-I	9093998669		233552	874964	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.7	11.9	31.93
Kutubuddin Kaji	Rased Kaji	Fatepur	Galsi-I	9134210375		233561	874984	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.9	11.8	34.75
Lakhindar Munda	Rabi Munda	Fatepur	Galsi-I	8944806214		233569	874981	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	14.9	13.1	13.74
Majnu Munda	Bharat Munda	Fatepur	Galsi-I	7602361691		233567	874986	Yes	N:P:K:S = 100:40:40:20+Micronutrient	Do	Do	0.48	3.62	14.7	12.6	16.67

									spray							
Paramesari Bagdi		Fatepur	Galsi-I	8537090356		233550	874963	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.2	13.1	16.03
Satya Deshali	Fakir Deshali	Fatepur	Galsi-I	9134138323		233531	234962	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	14.6	12.6	15.87
Hiralal Deshali	Mohan Deshali	Fatepur	Galsi-I	8967417562		233537	874960	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.4	12.3	25.20
Dhiren Deshali	Mohan Deshali	Fatepur	Galsi-I	8944962021		233533	874961	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.9	11.9	33.61
Uttam Ghosh	Kamal Ghosh	Fatepur	Galsi-I	8944806416		233530	874962	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	14.8	11.6	27.59
Dhiren Ghosh	Kamal Ghosh	Fatepur	Galsi-I	8538811849		233560	874986	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.7	12.2	28.69
Sekh Majid	Sekh Abdul	Fatepur	Galsi-I	8346971811		233538	874963	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	16	11.8	35.59
Milan Chandra Ghosh	Santimoy Ghosh	Fatepur	Galsi-I	8370970820		233532	874960	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.8	12.6	25.40
Bharat Munda	Paban Munda	Fatepur	Galsi-I	8537882578		233550	874962	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.3	12.4	23.39
Kishori Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	8016327829		233525	874959	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	14.9	11.9	25.21
Bhuban Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	8016327829		233529	874962	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	15.8	12.1	30.58
Sanjay Batabyal	Madan Mohan Batabyal	Fatepur	Galsi-I	8158983311		233524	874960	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.4	11.7	31.62
Amal Kant Ghosh	Gangadhar Ghosh	Fatepur	Galsi-I	9564660157		233533	874962	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.5	12.5	24.00
Rajib Deshali	Rathin Deshali	Fatepur	Galsi-I	7699531349		233526	874960	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	14.7	13.2	11.36
Chanchla Deshali	Dukhiram Deshali	Fatepur	Galsi-I	8944817224		233565	874984	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.6	13.1	19.08
Ramesh Deshali	Noro Deshali	Fatepur	Galsi-I	8597229478		233568	874986	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.8	13.2	19.70
Rupa Deshali	Bene Deshali	Fatepur	Galsi-I	9800198676		233566	874983	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.4	12.9	19.38
Goutam Kumar Mukherjee	Nirod Baran Mukherjee	Fatepur	Galsi-I	8972084538		233556	874984	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.6	11.9	31.09
Bankim Bagdi	Bibhuti Bagdi	Fatepur	Galsi-I	8597547352		233551	874981	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.7	11.7	34.19
Santosh Kumar Ghosh	Gangadhar Ghosh	Fatepur	Galsi-I	7797404528		233555	874984	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	15.9	11.7	35.90
Tapan Kumar Ghosh	Panchanan Ghosh	Fatepur	Galsi-I	8343088247		233552	874982	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	14.9	12.5	19.20
Madan Bagdi	Dolgobinda Bagdi	Fatepur	Galsi-I	7602811054		233557	874983	Yes	N:P:K:S = 100:40:40:20+Micronutrient	Do	Do	0.48	3.62	14.7	12.8	14.84

									spray							
Hriday Munda	Jagat Munda	Fatepur	Galsi-I	9800939437		233553	874984	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.2	12.6	20.63
Pranab Kumar Bagdi	Dwijpada Bagdi	Fatepur	Galsi-I	8609158479		233527	874960	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	14.6	11.9	22.69
Swapan Kumar Ghosh	Panchanan Ghosh	Fatepur	Galsi-I	9091899871		233529	874960	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.4	11.8	30.51
Chandra Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	7699659963		233526	874962	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.9	13.1	21.37
Piyar Ali Sk	Sk Lokman	Fatepur	Galsi-I	8343999750		233528	874961	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.48	3.62	14.8	12.6	17.46
Sekh Mukmuddin	Sekh Makbul	Fatepur	Galsi-I	8159904205		233560	874986	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.7	13.1	19.85
Paresh Chandra Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8345912520		233562	874986	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	16	12.5	28.00
Sukumar Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8345912520		233564	874984	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.8	12.3	28.46
Kartik Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	9476136326		233561	874986	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	15.3	11.9	28.57
Sadhan Ghosh	Shibapada Ghosh	Fatepur	Galsi-I	8972192780		233553	874987	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.48	3.62	14.9	11.6	28.45
Ajit Ghosh	Durgapada Ghosh	Fatepur	Galsi-I	8972192780		233555	874984	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.8	12.9	22.48
Subhash Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8346960690		233554	874988	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.4	11.9	29.41
Ram Deshali	Madan Deshali	Fatepur	Galsi-I	9134210375		233559	874987	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.48	3.62	15.5	11.7	32.48
Chowdhury Imran Hossain	Chowdhury Mosaraf Hossain	Puratangram	Galsi-I	7699727349		232679	876063	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	14.7	12.5	17.60
Rejaul Khan	Abusad Khan	Puratangram	Galsi-I	9800023562		232676	876062	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.32	2.45	15.6	12.1	28.93
Mosaraf Hossain Choudhuri	Muyajjem Choudhuri	Puratangram	Galsi-I	9547674197		232680	876104	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	14.6	12.9	13.18
Sushanta Bagdi	Naran Chandra Bagdi	Puratangram	Galsi-I	9134731343		232675	876057	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.32	2.45	15.4	11.9	29.41
Omar Ali Choudhury	Jabbar Choudhury	Puratangram	Galsi-I	8159997533		232679	876069	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	15.9	13	22.31
Sekh Nabab	Jikrya Sekh	Puratangram	Galsi-I	8972243057		232675	876102	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.32	2.45	14.8	12.6	17.46
Chowdhury Samim Parvez	Mannaf Chowdhury	Puratangram	Galsi-I	7908465164		232682	876104	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.5	15.7	12.2	28.69
Abdus Sobhan Sekh	Israil Sekh	Puratangram	Galsi-I	8669068714		232685	876107	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.32	2.45	16	12.6	26.98

Abdul Ahad Mondal	Sademani Mondal	Puratangram	Galsi-I	9732277817		232688	876108	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.32	2.45	15.8	11.8	33.90
Abdul Khalek Choudhury	Kibria Choudhury	Puratangram	Galsi-I	9635889196		232687	876110	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	15.3	12.2	25.41
Naran Bagdi	Ananda Bagdi	Puratangram	Galsi-I	9732373816		232670	876065	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.32	2.45	14.9	12.3	21.14
Sobhan Khan	Sahjahan Khan	Puratangram	Galsi-I	9007855087		232664	876094	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	15.8	11.9	32.77
Nurulhuda Sekh	Abdul Mamin Sk	Puratangram	Galsi-I	9933646634		232665	876095	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.32	2.45	15.4	12.8	20.31
Sahajahan Khan	Saidur Khan	Puratangram	Galsi-I	9635122700		232668	876094	Yes	N:P:K:S = 80:40:50:20+ Micronutrient spray	Do	Do	0.32	2.45	14.8	13.3	11.28
Badre Alam Mirjja	Rahaman Mirjja	Puratangram	Galsi-I	7699258164		232666	876097	Yes	N:P:K:S = 100:40:40:20+Micronutrient spray	Do	Do	0.32	2.45	14.5	13.1	10.69
Liyakat Mondal	Rahim Mondal	Puratangram	Galsi-I	9647930727		232671	876102	Yes	N:P:K:S = 100:40:50:20 +Micronutrient spray	Do	Do	0.32	2.45	15.6	12.6	23.81

a) Crop: Sesame

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Yield of local check (q/ha)	Demo yield (q/ha)	% increase
						Latitude	Longitude								
													(6 – 7.5 q/ha)	(8.5 – 10.5 q/ha)	
Subrata Mondal	N. K. Mondal	Kondaipur	Galsi-I	9733063869		232434	873540	Yes	96:40:48	**Sulphur and Boron nutrition**	**Sabiti**	**1 kg/bigha**	**6.9**	**8.3**	**20.3**
Asim Pal	S. Pal	Kondaipur	Galsi-I	9564660118		232434	873540						**6.7**	**7.9**	**17.5**
Umasundar Mondal	Mahadeb Mondal	Kondaipur	Galsi-I	9732151736		232434	873540						**7.1**	**8.7**	**22.1**
Samir Mondal	Anil Mondal	Kondaipur	Galsi-I	9153188044		232434	873540						**7.1**	**8.5**	**19.5**
Nimai Ghosh	Ajit Ghosh	Kondaipur	Galsi-I	8670236001		232434	873540						**7.2**	**8.5**	**18.6**
Narayan Ghosh	Ajit Ghosh	Kondaipur	Galsi-I	8670236001		232434	873540						**7.1**	**8.4**	**18.6**
Lakhan Mondal	Arun Mondal	Kondaipur	Galsi-I	9232174472		232434	873540						**7.0**	**8.3**	**18.4**
Kartik Mondal	Ajit Mondal	Kondaipur	Galsi-I	9732374463		232434	873540						**6.9**	**8.2**	**19.5**
Prabhas Banerjee	M. P. Banerjee	Kondaipur	Galsi-I	9232429545		232434	873540						**7.2**	**8.5**	**17.6**
Sontu Mondal	Badal Mondal	Kondaipur	Galsi-I	9475858682		232434	873540	Yes	96:40:48				**7.4**	**8.9**	**20.3**
Jayanta Mondal	Sital Mondal	Kondaipur	Galsi-I	8537016212		232434	873540						**7.0**	**8.2**	**17.5**
Gour Mondal	Kuro Mondal	Kondaipur	Galsi-I	7063489474		232434	873540						**7.2**	**8.8**	**22.1**
Prasanto Sur	Basudeb Sur	Kondaipur	Galsi-I	9732354913		232434	873540						**7.4**	**8.8**	**19.5**
Jaladhar Sharma	S. P. sharma	Kondaipur	Galsi-I	8768556592		232434	873540						**6.6**	**7.8**	**18.4**
Sushanta Ankure	Bhairab Ankure	Kondaipur	Galsi-I	9153063247		232434	873540						**6.7**	**8.1**	**21.1**
Bipas Pan	Mukti Pada Pan	Kondaipur	Galsi-I	9153209626		232434	873540						**7.1**	**8.2**	**14.9**
Prasanta Pal	Sudhakar Pal	Kondaipur	Galsi-I	7407677532		232434	873540						**6.7**	**7.9**	**18.6**
Subhas Mondal	Sudhir Mondal	Kondaipur	Galsi-I	7797501916		232434	873540						**6.5**	**7.7**	**18.4**
Nimai Mondal	Sasadhar Mondal	Kondaipur	Galsi-I	9153111715		232434	873540						**7.1**	**8.5**	**19.5**
Debabrata Mondal	Janaki Nath Mondal	Kondaipur	Galsi-I	9153111715		232434	873540						**6.6**	**7.8**	**17.6**
Shamapada Ghosh	Jiten Ghosh	Kondaipur	Galsi-I	8001746925		232434	873540						**6.8**	**8.2**	**20.3**
Apurba Das	Kartik Das	Kondaipur	Galsi-I	8001746925		232434	873540	Yes	96:40:48				**6.9**	**8.1**	**17.5**
Imamul Molla	Aktar Molla	Sukdal	Galsi-I	9153029422		232409	873317	Yes	96:40:48				**6.8**	**8.3**	**22.1**
Anju Monoara Begam	Motiar Mondal	Sukdal	Galsi-I	9153029422		232409	873317						**6.7**	**8.0**	**19.5**

Abida Khatun	Sk Alauddin	Sukdal	Galsi-I	9475379057		232409	873317						**6.9**	**8.2**	**18.6**
Anjumira Khatun	Najrul Mallik	Sukdal	Galsi-I	9733316841		232409	873317						**6.5**	**7.5**	**14.7**
Asraful Molla	Imamul Molla	Sukdal	Galsi-I	8759691917		232409	873317						**6.7**	**7.8**	**16.5**
Sajahan Molla	Anawara Molla	Sukdal	Galsi-I	7074225482		232409	873317						**6.9**	**8.2**	**19.4**
Jasimuddin Molla	Golam Molla	Sukdal	Galsi-I	9153225907		232409	873317						**6.8**	**8.1**	**19.5**
Golam Molla	Aktar Molla	Sukdal	Galsi-I	9153670617		232409	873317	Yes	96:40:48				**7.0**	**8.2**	**17.6**
Ganapati Chatterjee	Sudhir Chatterjee	Sukdal	Galsi-I	9732051817		232409	873317						**6.7**	**7.8**	**15.7**
Dhanajai Chatterjee	Gopinath Chatterjee	Sukdal	Galsi-I	9732051817		232409	873317						**6.9**	**8.1**	**16.7**
Abdul Khalek Molla	Joynal Molla	Sukdal	Galsi-I	9775780677		232409	873317						**7.2**	**8.6**	**19.4**
Abdus Samad Molla	Joynal Molla	Sukdal	Galsi-I	9933165949		232409	873317						**7.4**	**8.7**	**16.9**
Samsujaman Molla	Sukur Molla	Sukdal	Galsi-I	8926087671		232409	873317						**6.9**	**8.3**	**20.3**
Nur Alam	Samser Sekh	Sukdal	Galsi-I	9883221352		232409	873317						**6.8**	**8.0**	**17.5**
Nurjahan Khatun	Alam Sekh	Fatepur	Galsi-I	9153373961		232132	872944	Yes	96:40:48				**6.6**	**8.1**	**22.1**
Afroj Sekh	Sk Mojid	Fatepur	Galsi-I	9093158699		232132	872944						**6.7**	**8.0**	**19.5**
Sk Lokman	Sk Mahabul	Fatepur	Galsi-I			232132	872944						**6.5**	**7.5**	**15.7**
Sk Maksud	Md. Mustakin	Fatepur	Galsi-I	8515991906		232132	872944						**7.1**	**8.5**	**19.4**
Ranjit Mukherjee	Basudeb Mukherjee	Fatepur	Galsi-I	8536026228		232132	872944						**6.7**	**7.8**	**16.8**
Asgar Ali	Sk Sultan	Fatepur	Galsi-I	8116715931		232132	872944						**6.9**	**8.1**	**17.9**
Rathin Desali	Ramesh Desali	Fatepur	Galsi-I			232132	872944	Yes	96:40:48				**7.2**	**8.5**	**18.4**
Rahim Desali	Bhagabat Desali	Fatepur	Galsi-I			232132	872944						**6.6**	**8.0**	**21.1**
Uttam Bagdi	Haradhan Bagdi	Fatepur	Galsi-I	8609185276		232132	872944						**6.2**	**7.1**	**14.9**
Sabur Mondal	Jamir Mondal	Fatepur	Galsi-I			232132	872944						**7.1**	**8.4**	**18.6**
Kazi Husibar	Based Ali	Fatepur	Galsi-I			232132	872944						**6.7**	**7.9**	**18.4**
Padma Ghosh	Naran Ghosh	Fatepur	Galsi-I			232132	872944						**6.6**	**7.9**	**19.5**
Minati Desali	Prafulla Desali	Fatepur	Galsi-I			232132	872944						**6.8**	**8.0**	**17.6**
Dhiren Desali	Mohan Desali	Fatepur	Galsi-I			232132	872944	Yes	96:40:48				**6.9**	**8.3**	**20.3**
Parul Desali	Hira Desali	Fatepur	Galsi-I	9564648411		232132	872944						**6.8**	**8.0**	**17.5**
Bhadu Desali	Ramesh Desali	Fatepur	Galsi-I			232132	872944						**6.7**	**8.2**	**22.1**
Jharna Desali	Bikal Desali	Fatepur	Galsi-I			232132	872944						**6.9**	**8.2**	**19.5**
Pranab Bagdi	Dijo Bagdi	Fatepur	Galsi-I	8145490979		232132	872944						**6.9**	**8.2**	**18.6**

Dhiren Ghosh	Kamal Ghosh	Fatepur	Galsi-I			232132	872944						**6.2**	**7.1**	**14.7**
Chandi Charan Bagdi	Bibhuti Bagdi	Fatepur	Galsi-I			232132	872944						**7.1**	**8.3**	**16.5**
Sandip Ghosh	Sudhir Ghosh	Fatepur	Galsi-I	9679997419		232132	872944						**6.5**	**7.8**	**19.4**
Sanjay Batabbal	Madan Batabbal	Fatepur	Galsi-I	8159893311		232132	872944						**6.7**	**8.1**	**21.1**
Dharma Mukherjje	Bhola Mukheree	Fatepur	Galsi-I	8642089203		232132	872944						**7.1**	**8.2**	**14.9**
Md. Makbul	Md. Makbuddin	Fatepur	Galsi-I	8343826353		232132	872944	Yes	96:40:48				**6.5**	**7.8**	**20.3**
Sanjay Bagdi	Pagal Bagdi	Fatepur	Galsi-I	9707974935		232132	872944						**6.9**	**8.1**	**17.5**
Habib Kazi	Based Kazi	Fatepur	Galsi-I			232132	872944						**7.2**	**8.8**	**22.1**
Dhananjay Mukherjee	Baidyanath Mukherjee	Fatepur	Galsi-I	8111861776		232132	872944						**7.0**	**8.4**	**19.5**
Mantu Desali	Ramesh Desali	Fatepur	Galsi-I			232132	872944						**6.7**	**7.8**	**15.7**
Sukumar Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	7585059632		232132	872944						**6.5**	**7.8**	**19.4**
Pares Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	7585059632		232132	872944						**6.7**	**7.8**	**16.8**
Ajit Ghosh	Durga Ghosh	Fatepur	Galsi-I	8972192780		232132	872944						**6.4**	**7.5**	**17.9**
Kartik Ghosh	Bholanath Ghosh	Fatepur	Galsi-I			232132	872944						**6.1**	**7.2**	**18.4**
Sukumar Ghosh	Gangadhar Ghosh	Fatepur	Galsi-I	8145629332		232132	872944	Yes	96:40:48				**6.9**	**8.4**	**21.1**
Champa Ghosh	Kartik Ghosh	Fatepur	Galsi-I	8145629332		232132	872944						**6.9**	**7.9**	**14.9**
Sunil Dey	Sasadhar Dey	Bud Bud	Galsi-I	9748233525		232417	873307						**6.2**	**7.4**	**18.6**
Shambhunath Kundu	Lakhi Kundu	Bud Bud	Galsi-I	9153756524		232417	873307						**7.1**	**8.4**	**18.4**
Dilip Bagdi	Budda Bagdi	Bud Bud	Galsi-I	9635194090		232417	873307	Yes	96:40:48				**6.5**	**7.8**	**19.5**
Swapan Ruidas	Hariram Ruidas	Bud Bud	Galsi-I	7318611978		232417	873307						**6.7**	**7.9**	**17.6**
Anisur Mondal	Motiar Mondal	Sodpur	Galsi-I	9153019591		232004	873209						**7.0**	**8.4**	**20.3**
Kuddus Mondal	Motiar Mondal	Sodpur	Galsi-I	8926112529		232004	873209	Yes	96:40:48				**6.5**	**7.6**	**17.5**
Anisur Mallik	Atiar Mallik	Raipur	Galsi-I	9434977729		231952	873559						**6.9**	**8.4**	**22.1**
Jewel Mallik	Ansar Mallik	Raipur	Galsi-I	9153938020		231952	873559	Yes	96:40:48				**7.2**	**8.6**	**19.5**
Badre Mondal	Abdul Mondal	Raipur	Galsi-I	9153618345		231952	873559						**7.0**	**8.3**	**18.6**
Sk Jwujan	Abdul Mamud	Raipur	Galsi-I	9153446171		231952	873559						**6.7**	**7.7**	**14.7**
Rafik Sekh	Mohid Sekh	Raipur	Galsi-I	9564979499		231952	873559						**6.9**	**8.0**	**16.5**
Saddam Sekh	Rabiul Sekh	Raipur	Galsi-I	9153446467		231952	873559						**7.2**	**8.6**	**19.4**
Panna Mallik	Akeruddin Mallik	Raipur	Galsi-I	8926866840		231952	873559						**6.6**	**8.0**	**21.3**
Golam Hossain	Abdul Odud	Raipur	Galsi-I	9593582378		231952	873559						**6.2**	**7.2**	**15.7**

Samser Ali	Khalil Ali	Lowa	Galsi-I	9474779587		232012	873249						**7.1**	**8.5**	**19.4**
Swapan Chatterjee	Kusa Chatterjee	Lowa	Galsi-I	9734219092		232012	873249						**6.7**	**7.8**	**16.8**
Samir Chatterjee	Kusa Chatterjee	Lowa	Galsi-I	7920522547		232012	873249	Yes	96:40:48				**6.5**	**7.7**	**17.9**
Akkel Mallik	Idris Mallik	Lowa	Galsi-I			232012	873249						**6.9**	**8.2**	**18.4**
Sunil Chetterjee	Sadhan Chatterjee	Lowa	Galsi-I			232012	873249						**7.2**	**8.7**	**20.3**
Sk Najrul	Abdul momin	Puratan Gram	Galsi-I	9933646634		231557	873637						**7.4**	**8.7**	**17.5**
Liyakat Ali	Abdul Rahim	Puratan Gram	Galsi-I	9735868600		231557	873637	Yes	96:40:48				**6.9**	**8.4**	**22.1**
Ujir ali	Sattar Ali	Puratan Gram	Galsi-I	8145576807		231557	873637						**6.8**	**8.1**	**19.5**
Jakir Hossain	Md. Ali	Puratan Gram	Galsi-I	9732216107		231557	873637						**6.6**	**7.6**	**15.7**
Naran Bagdi	Ananda Bagdi	Puratan Gram	Galsi-I	9609688271		231557	873637						**6.7**	**8.0**	**19.4**
Rafik Mallik	Rousan Mallik	Puratan Gram	Galsi-I			231557	873637						**6.5**	**7.6**	**16.8**
Nilmani Singharoy	Bholanath Singharoy	Nurkuna	Galsi-I	9732090126		232342	873456						**7.1**	**8.4**	**17.9**
Swapan Dewasi	Nimai Dewasi	Nurkuna	Galsi-I	8001560409		232342	873456						**6.7**	**7.9**	**18.4**
Tapas Dewasi	Hemchandra Dewasi	Nurkuna	Galsi-I	9732042814		232342	873456						**6.9**	**8.4**	**21.1**
Bhaskar Deasi	Sudhir Deasi	Nurkuna	Galsi-I	9732157887		232342	873456	Yes	96:40:48				**7.2**	**8.3**	**14.9**
Sk Meher	Sk Mastan	Sirorai	Galsi-I	9735125257		231841	873650						**6.6**	**7.8**	**18.6**
Sk Mamun	Sk Mastan	Sirorai	Galsi-I	9735125257		231841	873650	Yes	96:40:48				**6.2**	**7.3**	**18.4**
Fajle Haque	Sk Samser	Uchchagram	Galsi-I	8640864056		232340	873912						**7.1**	**8.5**	**19.5**
Sk Mojammal	Sk Sattar	Uchchagram	Galsi-I			232340	873912	Yes	96:40:48				**6.7**	**7.9**	**17.6**
Dipti Pal	Subal Pal	Bhuri	Galsi-II	8348015210		231725	874253						**6.6**	**7.9**	**20.3**
Santanu Kesh	Debprasad Kesh	Bhuri	Galsi-II	9932527167		231725	874253						**6.8**	**8.0**	**17.5**
Uttam Hui	Kartik Hui	Bhuri	Galsi-II	8226409840		231725	874253						**6.9**	**8.4**	**22.1**
Jiten Maji	Dhananjai Maji	Bhuri	Galsi-II			231725	874253	Yes	96:40:48				**6.8**	**8.1**	**19.5**
Gopu Mukherjee	Durgapada Mukherjee	Bhuri	Galsi-II			231725	874253						**6.7**	**7.9**	**18.6**
Ajay Mahanati	Subhas Mahanti	Bhuri	Galsi-II	9732175511		231725	874253						**6.9**	**7.9**	**14.7**
Bapi Pal	Krishna Pal	Bhuri	Galsi-II			231725	874253						**6.9**	**8.0**	**16.5**
Sudhir Pal	Nibaran Pal	Bhuri	Galsi-II	9933908513		231725	874253						**6.7**	**8.0**	**19.4**
Asim Pal	Subal Pal	Bhuri	Galsi-II	8001733026		231725	874253						**6.8**	**8.2**	**21.1**
Roop Pal	Lakhi Pal	Bhuri	Galsi-II	9932027759		231725	874253						**7.2**	**8.3**	**14.9**
Apu Sen	Tara Sen	Bhuri	Galsi-II			231725	874253	Yes	96:40:48				**7.0**	**8.4**	**20.3**

Madhu Ghosh	Satyanarayan Ghosh	Bhuri	Galsi-II			231725	874253						**6.5**	**7.6**	**17.5**
Nurul Hooda	Sk Sikandar	Simulia	Galsi-II	9732358789		231953	874253						**6.9**	**8.4**	**22.1**
Amanul Mondal	Saidulla Mondal	Simulia	Galsi-II	9933096199		231953	874253	Yes	96:40:48				**6.2**	**7.4**	**19.5**
Nazrul Mondal	Saidulla Mondal	Simulia	Galsi-II	9732145688		231953	874253						**7.1**	**8.2**	**15.7**
Sk Mantu	Sk abdulla	Simulia	Galsi-II	7865089864		231953	874253						**6.5**	**7.8**	**19.4**
Sirajul Mondal	Saidulla Mondal	Simulia	Galsi-II			231953	874253						**6.7**	**7.8**	**16.8**
Sk Nasiruddin	Sk Bahauddin	Boromuria	Galsi-II	9932629156		231952	874356						**7.0**	**8.3**	**17.9**
Sk Fakruddin	Sk Bahauddin	Boromuria	Galsi-II	9002993449		231952	874356						**6.5**	**7.7**	**18.4**
Ajijul Rahaman	Mojammel Mondal	Boromuria	Galsi-II	9851661114		231952	874356						**6.9**	**8.4**	**21.1**
Sk Arifulla	Sk Muktar	Boromuria	Galsi-II	9002990433		231952	874356	Yes	96:40:48				**7.2**	**8.3**	**14.9**
Yakub Mondal	Rased Mondal	Boromuria	Galsi-II	9563950297		231952	874356						**7.0**	**8.3**	**18.6**
Sk Alauddin	Sk Suleman	Boromuria	Galsi-II	8101778150		231952	874356						**6.7**	**7.9**	**18.4**
Sk Rafik	Sk Rijaul	Boromuria	Galsi-II	8900847717		231952	874356						**6.9**	**8.2**	**19.5**
Najrul Mondal	A. K. Mondal	Boromuria	Galsi-II	9475126291		231952	874356						**7.2**	**8.5**	**17.6**
Sambhu Roy	Nakur Roy	Sarul	Galsi-II	9434200953		231915	874222						**6.6**	**7.9**	**20.3**
Sanat Roy	Nakur Roy	Sarul	Galsi-II			231915	874222	Yes	96:40:48				**6.2**	**7.3**	**17.5**
Sk Sababuddin	Sk Sikandar	Khetura	Galsi-II	8926025062		231957	874048						**7.1**	**8.7**	**22.1**
Alepjan Mallik	Latif Mallik	Khetura	Galsi-II			231957	874048						**6.7**	**8.0**	**19.5**
Sabur Mallik	Ambia Mallik	Khetura	Galsi-II			231957	874048						**6.5**	**7.7**	**18.6**
Hasim Mallik	Borjahan Mallik	Khetura	Galsi-II	8926050412		231957	874048						**6.9**	**7.9**	**14.7**
Borjahan Mallik	Latif Mallik	Khetura	Galsi-II	9775767759		231957	874048	Yes	96:40:48				**7.2**	**8.4**	**16.5**
Samiul Haque	Abdul Kayem	Khetura	Galsi-II	8509250406		231957	874048						**7.4**	**8.8**	**19.4**
Jaganath Roy	Prafulla Roy	Khetura	Galsi-II	9434123520		231957	874048						**6.9**	**8.3**	**20.9**
Tanay Mondal	Sakti Mondal	Khetura	Galsi-II	9593557421		231957	874048						**6.8**	**8.2**	**20.3**
Sk Jahir	Sk Mantu	Khetura	Galsi-II	9153739393		231957	874048						**6.6**	**7.8**	**17.5**
Sk Manirul	Sk Abdulla	Khetura	Galsi-II	7865089864		231957	874048						**6.7**	**8.2**	**22.1**
Sk Ziauddin	Sk Surabuddin	Khetura	Galsi-II	9832594870		231957	874048						**6.5**	**7.8**	**19.5**
Sk Mahiuddin	Sk Sikandar	Khetura	Galsi-II			231957	874048						**7.1**	**8.2**	**15.7**
Aspia Mondal	Kibriya Mondal	Khetura	Galsi-II	9593590626		231957	874048						**6.7**	**8.0**	**19.4**
Sk Alauddin	Sk Sikandar	Khetura	Galsi-II			231957	874048						**6.9**	**8.1**	**16.8**
Sk Alim	Sk Atiar	Khetura	Galsi-II	8926049988		231957	874048	Yes	96:40:48				**7.2**	**8.5**	**17.9**

Sk Nur Alam	Sk Anawar	Khetura	Galsi-II	7074567841		231957	874048						**6.6**	**7.8**	**18.4**
Sk Rajab	Sk Rahan	Khetura	Galsi-II	8768527791		231957	874048						**6.2**	**7.5**	**21.1**
Amanulla Sekh	Sk Nurul	Khetura	Galsi-II			231957	874048						**7.1**	**8.2**	**14.9**
Sk Mahiuddin	Sk Diyabox	Khetura	Galsi-II	8172009254		231957	874048						**6.7**	**7.9**	**18.6**
Alamgir Mondal	Narul Mondal	Khetura	Galsi-II	9232774010		231957	874048						**6.6**	**7.8**	**18.4**
Swapan Roy	Prafulla Roy	Khetura	Galsi-II			231957	874048						**6.8**	**8.1**	**19.5**
Rabiul Haque	Azmal Haque	Khetura	Galsi-II	9641824204		231957	874048						**6.9**	**8.1**	**17.6**
Ajit Mukherje	Santi Mukherjee	Khetura	Galsi-II	9232898344		231957	874048	Yes	96:40:48				**6.8**	**8.2**	**20.3**
Sk Sabar	Sk Hakim	Khetura	Galsi-II	9933188543		231957	874048						**6.7**	**7.9**	**17.5**
Sk Safiuddin	Sk Isa	Khetura	Galsi-II			231957	874048						**6.9**	**8.4**	**22.1**
Sk Enamul	Sk Isa	Khetura	Galsi-II	9932616127		231957	874048						**6.7**	**8.0**	**19.5**
Kazi Asgar	Kazi Saukat	Khetura	Galsi-II	9641701794		231957	874048						**6.9**	**8.2**	**18.6**
Jeet Roy	Jaganath Roy	Khetura	Galsi-II	9832697473		231957	874048	Yes	96:40:48				**6.8**	**7.8**	**14.7**
Riprojit Roy	Bajradhar Roy	Khetura	Galsi-II	7699516343		231957	874048						**7.2**	**8.4**	**16.5**
Abdul Hakim	Badre Alam	Khetura	Galsi-II			231957	874048						**7.1**	**8.5**	**19.4**

A. Lentil

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used (Kg)	Demo yeild q/ha	Yield of local check q/ha	% increase
						Latitude	Longitude									
Chowdhury Imran Hossain	Chowdhury Mosaraf Hossain	Puratangram	Galsi-I	7699727349		232683	876104	Yes	20-50-20-20	IDM	WBL-77	0.32	9.6	12.5	8.4	16.67
Khairul Kutubuddn Mondal	Kutubuddin Mondal	Puratangram	Galsi-I	9214500029		232680	876103	Yes	20-50-20-20	Do	Do	0.32	9.6	11.9	9.3	3.23
Sekh Nabab	Jikrya Sekh	Puratangram	Galsi-I	8972243057		232681	876089	Yes	20-50-20-20	Do	Do	0.32	9.6	12.3	8.1	14.81
Rafick Mallick	Raosan Mallick	Puratangram	Galsi-I	7407620710		232685	876095	Yes	20-50-20-20	Do	Do	0.32	9.6	10.5	9.4	8.51
Sahajahan Khan	Saidur Khan	Puratangram	Galsi-I	9635122700		232684	876111	Yes	20-50-20-20	Do	Do	0.32	9.6	10.7	8.9	13.48
Jiyabul Huda Sekh	Nurul Huda Sekh	Puratangram	Galsi-I	8967170980		232689	876115	Yes	20-50-20-20	Do	Do	0.32	9.6	11.2	7.7	15.58
Samiul Hossain	Sk Saiyed Ali	Puratangram	Galsi-I	9800023562		232687	876112	Yes	20-50-20-20	Do	Do	0.32	9.6	12.1	8	16.25
Liyakat Mondal	Rahim Mondal	Puratangram	Galsi-I	9647930727		232677	876099	Yes	20-50-20-20	Do	Do	0.32	9.6	10.4	8.8	13.64
Badre Alam Mirjja	Rahaman Mirjja	Puratangram	Galsi-I	7699258164		232672	876082	Yes	20-50-20-20	Do	Do	0.32	9.6	11.7	8.1	19.75
Sushanta Bagdi	Naran Chandra Bagdi	Puratangram	Galsi-I	9134731343		232678	876096	Yes	20-50-20-20	Do	Do	0.32	9.6	11.9	8.4	11.90
Debu Bagdi	Bipad Bagdi	Puratangram	Galsi-I	7699334837		232683	876101	Yes	20-50-20-20	Do	Do	0.32	9.6	12	9.1	12.09
Gafur Mallik	Isha Mallik	Puratangram	Galsi-I	8637815200		232686	876105	Yes	20-50-20-20	Do	Do	0.32	9.6	12.4	7.7	23.38
Rafikul Islam Chowdhury	Mobashwar Chowdhury	Puratangram	Galsi-I	9732104133		232685	876107	Yes	20-50-20-20	Do	Do	0.32	9.6	10.9	8	23.75
Jamaluddin Sekh		Puratangram	Galsi-I	7074559392		232692	876102	Yes	20-50-20-20	Do	Do	0.32	9.6	11.8	9	13.33
Chowdhury Samim Parvez	Mannaf Chowdhury	Puratangram	Galsi-I	7908465164		232682	876103	Yes	20-50-20-20	Do	Do	0.32	9.6	11.5	8.4	16.67
Abdus Sobhan Sekh	Israil Sekh	Puratangram	Galsi-I	8669068714		232684	876109	Yes	20-50-20-20	Do	Do	0.32	9.6	11.4	8.4	13.10
Abdul Khalek Choudhury	Kibria Choudhury	Puratangram	Galsi-I	9635889196		232685	876105	Yes	20-50-20-20	Do	Do	0.32	9.6	12.4	9.2	14.13
Bipad Bagdi	Fakir Bagdi	Puratangram	Galsi-I	7699334837		232698	876098	Yes	20-50-20-20	Do	Do	0.32	9.6	12	7.6	17.11

Sk Golam Mortaja	Sekh Sumsu	Puratangram	Galsi-I	8670088507		232681	876092	Yes	20-50-20-20	Do	Do	0.32	9.6	10.9	8.4	13.10
Nurul Islam Mirjja		Puratangram	Galsi-I			232687	876096	Yes	20-50-20-20	Do	Do	0.32	9.6	10.4	8.1	19.75
Abul Hossien Choudhury		Puratangram	Galsi-I			232690	876098	Yes	20-50-20-20	Do	Do	0.32	9.6	11.2	7.7	24.68
Nurul Huda Sekh	Abdul Mamin Sk.	Puratangram	Galsi-I	9933646634		232691	876098	Yes	20-50-20-20	Do	Do	0.32	9.6	11.9	7.4	18.92
Pradip Pal	Lalmohan Pal	Nupur	Raniganj	9679321556		235829	871343	Yes	16-40-20-15	Do	Do	0.16	4.8	10.8	7.1	15.49
Santa Maji	Hiralal Maji	Nupur	Raniganj	8927263823		235827	571345	Yes	16-40-20-15	Do	Do	0.16	4.8	11.9	8.2	19.51
Binanda Pal	Nepal Pal	Nupur	Raniganj	7076313664		235825	871344	Yes	16-40-20-15	Do	Do	0.16	4.8	12.5	7.4	14.86
Mantu Maji	Hiralal Maji	Nupur	Raniganj	9735770923		235826	871348	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	8.1	14.81
Lakhinarayan Bhuni	Sripati Bhuni	Nupur	Raniganj	9647962708		235826	871352	Yes	16-40-20-15	Do	Do	0.16	4.8	9.2	7.3	17.81
Anna Pal	Basanta Bhui	Nupur	Raniganj	9679321556		235769	871397	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	7.2	20.83
Uttam Pal	Purna Chandra Pal	Nupur	Raniganj	9679057248		235773	871394	Yes	16-40-20-15	Do	Do	0.16	4.8	9.4	8.4	13.10
Somnath Khan	Krittan Khan	Nupur	Raniganj	9614760598		235776	871414	Yes	16-40-20-15	Do	Do	0.16	4.8	9.8	9.1	12.09
Rabilochan Bagdi	Badal Bagdi	Nupur	Raniganj	7098423762		235776	871411	Yes	16-40-20-15	Do	Do	0.16	4.8	10.9	9.6	7.29
Haru Bagdi	Ranjan Bagdi	Nupur	Raniganj	9679321556		235774	871411	Yes	16-40-20-15	Do	Do	0.16	4.8	12	9.4	12.77
Dilip Badyakar	Anil Badyakar	Nupur	Raniganj	9679321556		235773	871414	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	9.7	13.40
Sanatan Bauri	Kalo Bauri	Nupur	Raniganj	9749797890		235770	871417	Yes	16-40-20-15	Do	Do	0.16	4.8	9.6	8.7	20.69
Bidhan Bauri	Horibol Bauri	Nupur	Raniganj	9679321556		235770	871420	Yes	16-40-20-15	Do	Do	0.16	4.8	9.3	9.5	16.84
Bijan Bagdi	Nanda Bagdi	Nupur	Raniganj	9378297768		235771	871423	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	10.1	11.88
Goutam Bauri	Sakti Bauri	Nupur	Raniganj	9614246570		235773	871420	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.8	15.91
Makar Bauri	Bhukhu Bauri	Nupur	Raniganj	7098715279		235767	871417	Yes	16-40-20-15	Do	Do	0.16	4.8	10.9	9.3	12.90
Narayan Ruidas	Radhu Ruidas	Nupur	Raniganj	9679321556		235755	871397	Yes	16-40-20-15	Do	Do	0.16	4.8	10.7	8.6	15.12
Subal Ruidas	Radhu Ruidas	Nupur	Raniganj	9851878758		235753	871398	Yes	16-40-20-15	Do	Do	0.16	4.8	12.1	8.4	22.62
Golapi Ruidas	Sambhu Ruidas	Nupur	Raniganj	7031423604		235756	871399	Yes	16-40-20-15	Do	Do	0.16	4.8	11.8	9.4	17.02
Vhromar Bauri	Haru Bauri	Nupur	Raniganj	7031423559		235772	871420	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	8.4	16.67

Arun Bauri	Ashok Bauri	Nupur	Raniganj	9851859440		235769	871420	Yes	16-40-20-15	Do	Do	0.16	4.8	10.9	9.1	13.19
Gunamoy Bauri	Laxman Bauri	Nupur	Raniganj	7699827295		235762	871424	Yes	16-40-20-15	Do	Do	0.16	4.8	12.2	9.6	14.58
Barun Gorai	Gorachand Gorai	Nupur	Raniganj	8768540090		235760	871422	Yes	16-40-20-15	Do	Do	0.16	4.8	9.9	9.4	7.45
Karunamay Gorai	Gorachand Gorai	Nupur	Raniganj	8906373388		235759	871425	Yes	16-40-20-15	Do	Do	0.16	4.8	10.3	8	16.25
Biswajit Gorai	Manik Gorai	Nupur	Raniganj	7477411688		235757	871429	Yes	16-40-20-15	Do	Do	0.16	4.8	12	7.4	16.22
Doma Bouri	Haribol Bouri	Nupur	Raniganj	7469833454		235756	871431	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	7.6	17.11
Shyamal Das	Gopeshwar Das	Nupur	Raniganj	9614131234		235752	871430	Yes	16-40-20-15	Do	Do	0.16	4.8	11.9	6.7	17.91
Paresh Mondal	Gopal Mondal	Nupur	Raniganj	9800874549		235796	871423	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	7.4	10.81
Bijay Mandal	Dayamay Mandal	Nupur	Raniganj	9749118497		235793	871427	Yes	16-40-20-15	Do	Do	0.16	4.8	11.8	7.2	18.06
Dilip Pal	Mihir Pal	Nupur	Raniganj	8759182053		235793	871422	Yes	16-40-20-15	Do	Do	0.16	4.8	12.1	7.6	17.11
Dinanath Mondal	Nitya Mondal	Nupur	Raniganj	8670664768		235794	871419	Yes	16-40-20-15	Do	Do	0.16	4.8	10.9	6.8	19.12
Madhusudan Mondal	Kalipada Mondal	Nupur	Raniganj	9851109723		235792	871415	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	6.5	20.00
Bablu Mondal	Manik Mondal	Nupur	Raniganj	7468952788		235779	871400	Yes	16-40-20-15	Do	Do	0.16	4.8	11.6	8.8	15.91
Sushanta Mondal	Lotan Mondal	Nupur	Raniganj	7407189154		235775	871398	Yes	16-40-20-15	Do	Do	0.16	4.8	11.8	6.6	24.24
Sushil Mondal	Nepal Mondal	Nupur	Raniganj	8972220559		235772	871399	Yes	16-40-20-15	Do	Do	0.16	4.8	12	8.1	13.58
Naren Mondal	Nepal Mondal	Nupur	Raniganj	9614614529		235807	871387	Yes	16-40-20-15	Do	Do	0.16	4.8	11.5	7.5	18.67
Barun Mondal	Khandu Mondal	Nupur	Raniganj	9732203834		235810	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	8.4	16.67
Haradhan Mandal	Gaur Mandal	Nupur	Raniganj	9679321556		235804	871382	Yes	16-40-20-15	Do	Do	0.16	4.8	9.9	9.3	3.23
Tapan Mandal		Nupur	Raniganj	9563074390		235800	871391	Yes	16-40-20-15	Do	Do	0.16	4.8	12	8.1	14.81
Krishna Gorai	Rabi Gorai	Nupur	Raniganj	9134910374		235799	871390	Yes	16-40-20-15	Do	Do	0.16	4.8	11.2	9.4	8.51
Rajesh Gorai	Sankar Gorai	Nupur	Raniganj	9679321556		235797	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.9	13.48
Ashoke Mondal		Nupur	Raniganj	9563047851		235796	871391	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	7.7	15.58
Ashok Gorai	Narod Gorai	Nupur	Raniganj	8906650322		235795	871392	Yes	16-40-20-15	Do	Do	0.16	4.8	10.9	8	16.25
Somnath Mondal		Nupur	Raniganj	9614484635		235798	871394	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	8.8	13.64

Kartick Gorai		Nupur	Raniganj	8509078519		235801	871395	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.1	19.75
Tapan Garai		Nupur	Raniganj	9614854862		235798	871396	Yes	16-40-20-15	Do	Do	0.16	4.8	11.2	8.4	11.90
Bapi Gorai	Magaram Gorai	Nupur	Raniganj	9932698908		235802	871382	Yes	16-40-20-15	Do	Do	0.16	4.8	10.5	9.1	12.09
Balaram Maji	Hiralal Maji	Nupur	Raniganj	9614186607		235802	871379	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	7.7	23.38
Lakhinarayan Gorai	Gopal Gorai	Nupur	Raniganj	9933418594		235790	871365	Yes	16-40-20-15	Do	Do	0.16	4.8	11.5	8	23.75
Subhash Gorai	Sagar Gorai	Nupur	Raniganj	8768531359		235790	871369	Yes	16-40-20-15	Do	Do	0.16	4.8	12.1	9	13.33
Saresh Garai	Joydeb Garai	Nupur	Raniganj	8906227094		235789	871372	Yes	16-40-20-15	Do	Do	0.16	4.8	12	8.4	16.67
Anna Gorai	Jayanta Gorai	Nupur	Raniganj	9679321556		235787	871373	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	8.4	13.10
Tapas Gorai	Basudeb Gorai	Nupur	Raniganj	7076313396		235788	871377	Yes	16-40-20-15	Do	Do	0.16	4.8	11.5	9.2	14.13
Swapan Mondal	Narayan Mondal	Nupur	Raniganj	9679057248		235792	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	10	7.6	17.11
Souvik Mondal		Nupur	Raniganj	9635643732		235753	871397	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	8.4	13.10
Haradhan Mondal	Sudhir Mondal	Nupur	Raniganj	8967095651		235751	871397	Yes	16-40-20-15	Do	Do	0.16	4.8	11.2	8.1	19.75
Kalachand Mondal	Sudhir Mondal	Nupur	Raniganj	9609649271		235754	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	12	7.7	24.68
Tapan Pal	Manohar Pal	Nupur	Raniganj	8906349825		235757	871389	Yes	16-40-20-15	Do	Do	0.16	4.8	11.6	7.4	18.92
Shyamchandra Pal	Manohar Pal	Nupur	Raniganj	9832766364		235759	871389	Yes	16-40-20-15	Do	Do	0.16	4.8	10.3	7.1	15.49
Meghnath Paul		Nupur	Raniganj	9679321522		235758	871386	Yes	16-40-20-15	Do	Do	0.16	4.8	11.9	8.2	19.51
Dinesh Pal	Yadab Pal	Nupur	Raniganj	9333637392		235762	871385	Yes	16-40-20-15	Do	Do	0.16	4.8	11.7	7.4	14.86
Bidhan Pal	Yadab Pal	Nupur	Raniganj	9933488842		235763	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	8.1	14.81
Debdas Pal	Shyamapada Pal	Nupur	Raniganj	9563960653		235766	871385	Yes	16-40-20-15	Do	Do	0.16	4.8	11.5	7.3	17.81
Chinmoy Paul	Sadhan Paul	Nupur	Raniganj	8391852060		235768	871385	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	7.2	20.83
Bablu Pal	Madhab Pal	Nupur	Raniganj	9679321556		235768	871386	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.4	13.10
Manik Mashan	Sudhir Mashan	Nupur	Raniganj	9679321522		235767	871388	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	9.1	12.09
Shanti Mashan	Haralal	Nupur	Raniganj	8967853002		235767	871390	Yes	16-40-20-15	Do	Do	0.16	4.8	11	9.6	7.29
Madhab Bhandari	Sukhamoy Bhandari.	Nupur	Raniganj	9647525619		235769	871393	Yes	16-40-20-15	Do	Do	0.16	4.8	9.9	9.4	12.77

Jadab Bhandari		Nupur	Raniganj	9547764371		235768	871397	Yes	16-40-20-15	Do	Do	0.16	4.8	10.3	9.7	13.40
Manas Mondal		Nupur	Raniganj	9333356269		235767	871395	Yes	16-40-20-15	Do	Do	0.16	4.8	10	8.7	20.69
Dhananjay Mandal	Rasamoy Mandal	Nupur	Raniganj	9749810050		235767	871394	Yes	16-40-20-15	Do	Do	0.16	4.8	11	9.5	16.84
Astik Mondal	Panchkori Mondal	Nupur	Raniganj	8759391768		235761	871399	Yes	16-40-20-15	Do	Do	0.16	4.8	11.2	10.1	11.88
Samir Mondal	Haradhan Mondal	Nupur	Raniganj	8906275350		235763	871399	Yes	16-40-20-15	Do	Do	0.16	4.8	12	8.8	15.91
Biswanath Hazra	Rakhal Chandra Hazra	Nupur	Raniganj	7063290490		235917	871348	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	9.3	12.90
Mohan Bauri	Atik Bauri	Nupur	Raniganj	8906686331		235915	871349	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.6	15.12
Karttik Bauri	Lakhindar Bauri	Nupur	Raniganj	8906470917		235912	871351	Yes	16-40-20-15	Do	Do	0.16	4.8	10.6	8.4	22.62
Tapan Bauri	Nakari Bauri	Nupur	Raniganj	7679718295		235912	871350	Yes	16-40-20-15	Do	Do	0.16	4.8	10.2	9.4	17.02
Bhairab Bouri	Gandhi Bouri	Nupur	Raniganj	7098095398		235910	871350	Yes	16-40-20-15	Do	Do	0.16	4.8	10	8.4	16.67
Madhab Bouri	Haru Bouri	Nupur	Raniganj	9614246570		235908	871348	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	9.1	13.19
Kartik Mondal	Pagal Mondal	Nupur	Raniganj	9563764930		235910	871348	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	9.6	14.58
Ashoke Kumar Paul		Nupur	Raniganj	9547048214		235909	871348	Yes	16-40-20-15	Do	Do	0.16	4.8	11.2	9.4	7.45
Sukumar Bagdi	Katu Bagdi	Nupur	Raniganj	7031317027		235900	871392	Yes	16-40-20-15	Do	Do	0.16	4.8	11.4	8	16.25
Bablu Murmu	Baburam Murmu	Nupur	Raniganj	7076310959		235890	871393	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	7.4	16.22
Bishu Hasda	Dharma Hasda	Nupur	Raniganj	9134478583		235890	871402	Yes	16-40-20-15	Do	Do	0.16	4.8	10.4	7.6	17.11
Badyanath Murmu	Kandalal Murmu	Nupur	Raniganj	7679043812		235883	871442	Yes	16-40-20-15	Do	Do	0.16	4.8	10	6.7	17.91
Manoj Hembram	Barku Hembram	Nupur	Raniganj	8759974588		235889	871411	Yes	16-40-20-15	Do	Do	0.16	4.8	12	7.4	10.81
Asit Mondal	Samar Mondal	Nupur	Raniganj	9563330653		235893	871421	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	7.2	18.06
Masta Murmu	Raju Murmu	Nupur	Raniganj	9134478720		235885	871428	Yes	16-40-20-15	Do	Do	0.16	4.8	12	7.6	17.11
Tapan Mondal	Tarapada Mondal	Nupur	Raniganj	7468952788		235869	871433	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	6.8	19.12
Bijay Mondal	Gopal Mondal	Nupur	Raniganj	9614362704		235848	871435	Yes	16-40-20-15	Do	Do	0.16	4.8	11.4	6.5	20.00
Shyama Pada Bagdi	Ananda Bagdi	Nupur	Raniganj	7584053763		235863	871433	Yes	16-40-20-15	Do	Do	0.16	4.8	11	8.8	15.91
Nimai Bagdi	Gopal Bagdi	Nupur	Raniganj	9641559225		235863	871403	Yes	16-40-20-15	Do	Do	0.16	4.8	11.3	6.6	24.24

Kamal Ruidas	Shibu Ruidas	Nupur	Raniganj	9647660780		235864	871406	Yes	16-40-20-15	Do	Do	0.16	4.8	10.3	8.1	13.58
Laxman Ruidas	Shirihari Ruidas	Nupur	Raniganj	9563277881		235861	871405	Yes	16-40-20-15	Do	Do	0.16	4.8	9.9	7.5	18.67
Bharat Gorai	Rabindranath Gorai	Nupur	Raniganj	8927353977		235858	871408	Yes	16-40-20-15	Do	Do	0.16	4.8	11.1	8.4	16.67
Kajal Mashan	Sunil Mashan	Nupur	Raniganj	9832941469		235859	871406	Yes	16-40-20-15	Do	Do	0.16	4.8	12.1	9.3	3.23
Parimal Mondal		Nupur	Raniganj	9153212978		235863	871409	Yes	16-40-20-15	Do	Do	0.16	4.8	9.8	8.1	14.81
Tarapada Paul	Bhagirath Paul	Nupur	Raniganj	8906777109		235860	871416	Yes	16-40-20-15	Do	Do	0.16	4.8	10.2	9.4	8.51
Manesh Ruidas	Keto Ruidas	Nupur	Raniganj	7547913658		235861	871414	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	8.9	13.48
Bajen Mondal	Lotan Mondal	Nupur	Raniganj	9732217360		235861	871413	Yes	16-40-20-15	Do	Do	0.16	4.8	11	7.7	15.58
Ananda Pal	Nepal Pal	Nupur	Raniganj	9933426364		235861	871415	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	8	16.25
Surja Kanta Paul	Bhagirath Paul	Nupur	Raniganj	8906777109		235860	871415	Yes	16-40-20-15	Do	Do	0.16	4.8	9.9	8.8	13.64
Subodh Gorai	Narad Gorai	Nupur	Raniganj	7063276865		235859	871405	Yes	16-40-20-15	Do	Do	0.16	4.8	10.1	8.1	19.75
Sasthipada Pal	Budhan Pal	Siddhapur	Raniganj	9002202469		237451	871572	Yes	20-40-20-10	Do	Do	0.08	2.4	9.9	8.4	11.90
Kamalakanta Pal	Shreedhar Pal	Siddhapur	Raniganj	8343015773		237454	871573	Yes	20-40-20-10	Do	Do	0.08	2.4	11.8	9.1	12.09
Manesh Patra	Nitai Patra	Siddhapur	Raniganj	9732089351		237381	871539	Yes	20-40-20-10	Do	Do	0.08	2.4	8.9	9.1	12.09
Kenaram Garai	Sahadeb Garai	Siddhapur	Raniganj	7872183656		237455	871573	Yes	20-40-20-10	Do	Do	0.08	2.4	10.9	8	23.75
Krishna Pada Patra	Jaladhar Patra	Siddhapur	Raniganj	8001744694		237458	871576	Yes	20-40-20-10	Do	Do	0.08	2.4	10.2	9	13.33
Nanda Patra	Banshidhar Patra	Siddhapur	Raniganj	9593549934		237461	871578	Yes	20-40-20-10	Do	Do	0.08	2.4	11.1	8.4	16.67
Uttam Patra	Banshidhar Patra	Siddhapur	Raniganj	8145666039		237466	871575	Yes	20-40-20-10	Do	Do	0.08	2.4	10.6	8.4	13.10
Ganesh Garai	Madan Garai	Siddhapur	Raniganj	8918291519		237463	871578	Yes	20-40-20-10	Do	Do	0.08	2.4	9.6	9.2	14.13
Dhiren Mondal	Magaram Mondal	Siddhapur	Raniganj	7797212654		237465	871575	Yes	20-40-20-10	Do	Do	0.08	2.4	9.8	7.6	17.11
Radharaman Bag	Nimai Bag	Siddhapur	Raniganj	9735858771		237452	871575	Yes	20-40-20-10	Do	Do	0.08	2.4	10	8.4	13.10
Shailen Patra	Madhai Patra	Siddhapur	Raniganj	8768196173		237383	871539	Yes	20-40-20-10	Do	Do	0.08	2.4	9.9	7.2	20.83
Taraknath Patra	Niranjan Patra	Siddhapur	Raniganj	8116457112		237462	871578	Yes	20-40-20-10	Do	Do	0.08	2.4	10.1	7.7	24.68
Tapan Pal		Siddhapur	Raniganj	9609549939		237466	871578	Yes	20-40-20-10	Do	Do	0.08	2.4	9.8	7.4	18.92

Rabilochan Ghosh	Shyamapada Ghosh	Siddhapur	Raniganj	7797502908		237460	871572	Yes	20-40-20-10	Do	Do	0.08	2.4	10.1	7.1	15.49
Rabilal Garai	Nabagopal Garai	Siddhapur	Raniganj	8768654663		237469	871576	Yes	20-40-20-10	Do	Do	0.08	2.4	9.7	8.2	19.51
Santosh Gorai	Tarapada Gorai	Siddhapur	Raniganj	8436388342		237391	871540	Yes	20-40-20-10	Do	Do	0.08	2.4	10	7.3	17.81
Prasenjit Paul	Akshay Paul	Siddhapur	Raniganj	9679849873		237382	871539	Yes	20-40-20-10	Do	Do	0.08	2.4	8.9	8.1	14.81
Swadhin Mondal	Fani Bhushan Mondal	Bagdiha	Raniganj	9732337735		237453	871574	Yes	20-40-20-10	Do	Do	0.08	2.4	11.3	7.7	23.38
Haradhan Patra	Anath Bandhu Patra	Bagdiha	Raniganj	9732271358		237470	871578	Yes	20-40-20-10	Do	Do	0.08	2.4	8.9	7.4	14.86
Jiban Bag	Amritlal Bag	Bagdiha	Raniganj	9734733432		237389	871540	Yes	20-40-20-10	Do	Do	0.08	2.4	10.1	8.4	13.10
Dulal Ghosh	Subhash Ghosh	Bagdiha	Raniganj	8001703718		237450	871570	Yes	20-40-20-10	Do	Do	0.08	2.4	9.7	8.1	19.75
Haradhan Bag		Bagdiha	Raniganj	7797689049		237392	871540	Yes	20-40-20-10	Do	Do	0.08	2.4	10.1	9.6	7.29
Biplab Debnath	Nimai Debnath	Chakbaman Goriya	Purbasthali_I	8372085303		234364	882968	Yes	15-40-15-10	Do	Do	0.10	3	9.6	9.4	12.77
Chhaya Sandel	Buroraj Ghorui	Chakbaman Goriya	Purbasthali_I	7557003847		234365	882963	Yes	15-40-15-10	Do	Do	0.10	3	9.7	9.7	13.40
Bishwanath Das	Rakhal Das	Chakbaman Goriya	Purbasthali_I	8926718781		234368	882965	Yes	15-40-15-10	Do	Do	0.10	3	10.4	8.8	15.91
Rakhal Das	Nanikanta Das	Chakbaman Goriya	Purbasthali_I	8926718781		234375	882931	Yes	15-40-15-10	Do	Do	0.16	4.8	9.5	8.1	14.81
Rajib Debnath	Suresh Chandra Debnath	Chakbaman Goriya	Purbasthali_I	9153168418		234372	882972	Yes	15-40-15-10	Do	Do	0.16	4.8	10	9.4	8.51
Bishwajit Das	Uttam Das	Chakbaman Goriya	Purbasthali_I	8927272075		234369	882971	Yes	15-40-15-10	Do	Do	0.16	4.8	9.3	8.4	13.10
Sandhya Orao	Shiteram Orao	Chakbaman Goriya	Purbasthali_I9.6			234368	882974	Yes	15-40-15-10	Do	Do	0.16	4.8	9.5	7.2	20.83
Kartick Chandar Das	Anil Chandra Das	Golahat	Purbasthali_I	9732464126		234224	883177	Yes	15-40-15-10	Do	Do	0.10	3	9.2	8.7	20.69
Rina Sing	Khokan Ray	Golahat	Purbasthali_I	8159912852		234225	883181	Yes	15-40-15-10	Do	Do	0.10	3	10.1	10.1	11.88
Gita Bag	Shibu Roy	Golahat	Purbasthali_I			234224	883185	Yes	15-40-15-10	Do	Do	0.10	3	9.2	8.6	15.12
Durga Bag	Anil Kumar Biswas	Golahat	Purbasthali_I			234226	883191	Yes	15-40-15-10	Do	Do	0.10	3	8.9	9.1	13.19
Kalpana Bag	Dhukhiram Bag	Golahat	Purbasthali_I			234220	883189	Yes	15-40-15-10	Do	Do	0.10	3	9.1	7.4	16.22
Goutam Dutta	Bimal Dutta	Golahat	Purbasthali_I	9647244787		234217	883190	Yes	15-40-15-10	Do	Do	0.10	3	8.3	7.6	17.11
Dilip Bag	Paban Bag	Golahat	Purbasthali_I			234218	883196	Yes	15-40-15-10	Do	Do	0.10	3	8.4	7.4	10.81
Dokari Bag	Sudarshan Bag	Golahat	Purbasthali_I			234217	883199	Yes	15-40-15-10	Do	Do	0.10	3	9.5	6.8	19.12

Pushpa Bag	Fakir Bag	Golahat	Purbasthali_I			234214	883196	Yes	15-40-15-10	Do	Do	0.16	4.8	10.1	9.3	3.23
Saraswati Bag	Gurucharan Bag	Golahat	Purbasthali_I			234220	883198	Yes	15-40-15-10	Do	Do	0.16	4.8	11	8.4	11.90
Ratan Debnath	Matilal Debnath	Golahat	Purbasthali_I			234216	883203	Yes	15-40-15-10	Do	Do	0.16	4.8	8.9	8	23.75
Tripti Das	Kartick Das	Golahat	Purbasthali_I	9732464126		234211	883202	Yes	15-40-15-10	Do	Do	0.16	4.8	9.8	9.2	14.13
Hemanta Orao	Gour Orao	Shyampur	Purbasthali_I	9647218806		234168	883129	Yes	15-40-15-10	Do	Do	0.16	4.8	10.6	9.1	12.09
Laxmi Biswas	Nitya Nanda Gayen	Shyampur	Purbasthali_I	9564267394		234171	883128	Yes	15-40-15-10	Do	Do	0.16	4.8	9.9	7.5	18.67
Sukumony Orao		Shyampur	Purbasthali_I	8597793535		234167	883127	Yes	15-40-15-10	Do	Do	0.16	4.8	9.6	7.7	23.38
Sushil Oraw	Gopal Oraw	Shyampur	Purbasthali_I			234173	883124	Yes	15-40-15-10	Do	Do	0.16	4.8	10.3	8.4	13.10
Rajya Bati Orao	Bhabesh Orao	Shyampur	Purbasthali_I			234177	883125	Yes	15-40-15-10	Do	Do	0.16	4.8	10	8.2	19.51
Nityananda Orao	Sadhu Orao	Shyampur	Purbasthali_I			234167	883120	Yes	15-40-15-10	Do	Do	0.16	4.8	9.4	8.1	14.81
Mayarani Orao	Ananta Orao	Shyampur	Purbasthali_I			234163	883121	Yes	15-40-15-10	Do	Do	0.16	4.8	10.2	9.1	12.09
Dipankar Dhulo	Satkari Dhulo	Shyampur	Purbasthali_I	9775365791		234176	883128	Yes	15-40-15-10	Do	Do	0.10	3	10.3	6.5	20.00
Banamali Orao	Sukumar Orao	Shyampur	Purbasthali_I	9002960950		234175	883125	Yes	15-40-15-10	Do	Do	0.10	3	9	9.5	16.84
Pradip Kumar Bhowmick	Radha Gobinda Bhowmick	Kuricha	Purbasthali_I	9734766922		239036	878948	Yes	15-40-15-10	Do	Do	0.16	4.8	9.6	8.1	13.58
Biswambhar Das	Ramesh Das	Kuricha	Purbasthali_I			239032	878948	Yes	15-40-15-10	Do	Do	0.10	3	8.9	9.3	12.90
Arjun Das	Nibaran Das	Kuricha	Purbasthali_I	8768693090		239037	878943	Yes	15-40-15-10	Do	Do	0.10	3	8.7	9.4	7.45
Nemai Mandal	Hazari Mandal	Kuricha	Purbasthali_I	9593891102		239037	878945	Yes	15-40-15-10	Do	Do	0.10	3	8.6	6.7	17.91
Sanjoy Bhoumik	Bidhuvhusan Bhoumik	Kuricha	Purbasthali_I	9002773931		239032	878949	Yes	15-40-15-10	Do	Do	0.16	4.8	8.9	7.4	18.92
Raju Bhoumik	Bidhuvhusan Bhoumik	Kuricha	Purbasthali_I	9002773931		239035	878949	Yes	15-40-15-10	Do	Do	0.16	4.8	10.1	7.7	24.68
Praneswar Bhowmik		Kuricha	Purbasthali_I	9732896586		239033	878945	Yes	15-40-15-10	Do	Do	0.10	3	9	8.4	22.62
Gobinda Chandra Das	Tarapada Das	Kuricha	Purbasthali_I	8900058314		239033	878952	Yes	15-40-15-10	Do	Do	0.10	3	8.7	9.4	17.02
Uttam Kumar Das	Narayan Chandra Das	Biswarambha	Purbasthali_I	9732335475		234823	882871	Yes	15-40-15-10	Do	Do	0.10	3	9.1	8.4	16.67
Mahamaya Das	Nityalal Das	Biswarambha	Purbasthali_I	8609153326		234824	882875	Yes	15-40-15-10	Do	Do	0.10	3	8.8	8	16.25
Sitmani Oraon	Habu Oraon	Chaitpur	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	9.9	8.4	13.10

Mithun Orao	Arun Orao	Chaitpur	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	10.2	7.3	17.81
Mita Oraw	Kalipada Oraw	Chaitpur	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	9.7	7.4	14.86
Biren Orao	Binod Orao	Chaitpur	Purbasthali_I			234219	883196	Yes	15-40-15-10	Do	Do	0.16	4.8	9.9	8.1	19.75
Swapana Gain	Rambal Gain	Chaitpur	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.10	3	9.9	7.2	18.06
Brinda Rani Mondal	Subodh Saha	Banki	Purbasthali_I	7585869096		234172	882938	Yes	15-40-15-10	Do	Do	0.10	3	10.1	7.6	17.11
Binod Das	Prabhat Das	Banki	Purbasthali_I			234175	882936	Yes	15-40-15-10	Do	Do	0.10	3	9.1	9.6	14.58
Ranjit Mondal	Laxman Mondal	Banki	Purbasthali_I	7585869096		234171	882940	Yes	15-40-15-10	Do	Do	0.16	4.8	9.1	9	13.33
Bharat Chandra Ghosh	Kartik Ghosh	Bhatsala	Purbasthali_I	7047121670		234003	883114	Yes	15-40-15-10	Do	Do	0.16	4.8	10.2	8.1	19.75
Kutub Seikh	Fajiul Sekh	Bhatsala	Purbasthali_I	9732797265		234004	883109	Yes	15-40-15-10	Do	Do	0.16	4.8	10	6.6	24.24
Sahajahan Seikh	Jamal Seikh	Magonpur	Purbasthali_I	8640959678		234225	883188	Yes	15-40-15-10	Do	Do	0.16	4.8	10.6	8	16.25
Jaher Ali Sekh	Achheruddin Sekh	Magonpur	Purbasthali_I	7548080358				Yes	15-40-15-10	Do	Do	0.16	4.8	10.8	8.4	16.67
Brojendra Debnath	Jashoda Debnath	Rajapur	Purbasthali_I	9593109577		234044	883250	Yes	15-40-15-10	Do	Do	0.10	3	9.1	8.8	15.91
Amalendu Debnath	Ramesh Chandra Debnath	Rajapur	Purbasthali_I	9564023652		234041	883248	Yes	15-40-15-10	Do	Do	0.16	4.8	9.3	8.9	13.48
Sandhya Debnath	Dinbandhu Bhowmick	Rajapur	Purbasthali_I	9593109577		234039	883244	Yes	15-40-15-10	Do	Do	0.16	4.8	10.9	8.8	13.64
Samir Debnath	Shankar Debnath	Rajapur	Purbasthali_I			234037	883243	Yes	15-40-15-10	Do	Do	0.16	4.8	9.6	7.6	17.11
Dayal Chand Pal	Shambhunath Pal	Bhatra	Purbasthali_I			234257	883015	Yes	15-40-15-10	Do	Do	0.16	4.8	10.2	8.4	16.67
Anup Dhara	Biswanath Dhara	Bhatra	Purbasthali_I	9547035175		234060	883016	Yes	15-40-15-10	Do	Do	0.16	4.8	9.3	7.1	15.49
Netai Singh	Jatindra Singh	Nibhuji Bazar	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	9.8	9.6	7.29
Sanjoy Kundu	Swapan Kundu	Nibhuji Bazar	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	9.5	9.4	12.77
Jagadish Singh	Jatin Singh	Nibhuji Bazar	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	8.9	8.7	20.69
Majibar Sekh	Islam Sekh	Nasipur	Purbasthali_I	9732102050		234226	883187	Yes	15-40-15-10	Do	Do	0.16	4.8	10.8	7.7	15.58
Somnath Singh	Nitai Singh	Goara	Purbasthali_I					Yes	15-40-15-10	Do	Do	0.16	4.8	10.5	9.7	13.40
Sunil Kumar Dey	Shashadhar Dey	Bud Bud	Galsi-I	9748233525		234082	875385	Yes	20-50-20-20	Do	Do	0.16	4.8	9.5	9.5	16.84
Sambhu Nath Kundu	Lakshinaran Kundu	Bud Bud	Galsi-I	9153756524		234081	875388	Yes	20-50-20-20	Do	Do	0.16	4.8	9.7	10.1	11.88

Tajkira Begum	Namdar Mallick	Bamunara	Galsi-I	9091304699		233214	875681	Yes	20-50-20-20	Do	Do	0.16	4.8	9.6	8.8	15.91
Sk Samser	Sk Soleman	Uchchagram	Galsi-I	8640864056		233909	876593	Yes	20-50-20-20	Do	Do	0.16	4.8	8.8	9.3	12.90
Majammal Sekh	Sattar Sekh	Uchchagram	Galsi-I	9679915684		233906	876592	Yes	20-50-20-20	Do	Do	0.16	4.8	8.2	8.6	15.12
Mazoffar Sekh	Sattar Sekh	Uchchagram	Galsi-I	7699626442		233902	876591	Yes	20-50-20-20	Do	Do	0.16	4.8	9.8	8.4	22.62
Sundari Besra	Pagal Hembram	Uchchagram	Galsi-I	9641982425		233903	876588	Yes	20-50-20-20	Do	Do	0.16	4.8	8.5	9.4	17.02
Nurjahan Khatun	Alam Sekh	Fatepur	Galsi-I	9134210375		233567	875013	Yes	20-50-20-20	Do	Do	0.16	4.8	9.3	8.4	16.67
Sanjay Batabyal	Madan Mohan Batabyal	Fatepur	Galsi-I	8158983311		233574	875006	Yes	20-50-20-20	Do	Do	0.16	4.8	8.6	9.1	13.19
Sanjay Saha	Abani Saha	Fatepur	Galsi-I	8972752843		233572	875009	Yes	20-50-20-20	Do	Do	0.16	4.8	8.7	9.6	14.58
Anirban Das	Kamal Das	Kasba	Galsi-I	7384655808		233433	875180	Yes	20-50-20-20	Do	Do	0.16	4.8	9.5	9.4	7.45
Sekh Nur Islam	Anoyar Sekh	Sirarai	Galsi-I	8768527797		233184	876101	Yes	20-50-20-20	Do	Do	0.16	4.8	10.2	8	16.25
Monirul Sekh	Anowar Sekh	Sirarai	Galsi-I	7074567841		233186	876097	Yes	20-50-20-20	Do	Do	0.16	4.8	10.3	7.4	16.22
Mirana Aahammad Mallik	Naosar Mallik	Sirarai	Galsi-I	9083783176		233180	876093	Yes	20-50-20-20	Do	Do	0.16	4.8	10.6	7.6	17.11
Azizul Haque Mallick	Miran Ahammed Mallick	Sirarai	Galsi-I	9002837655		233182	876078	Yes	20-50-20-20	Do	Do	0.16	4.8	11	6.7	17.91
Rafikul Islam Mallick	Rabiul Mallick	Sirarai	Galsi-I	7699627467		233181	876074	Yes	20-50-20-20	Do	Do	0.16	4.8	10.5	7.4	10.81
Rabiul Hossain Mallick	Fakir Mallick	Sirarai	Galsi-I	7074567841		233180	876069	Yes	20-50-20-20	Do	Do	0.16	4.8	11.1	7.2	18.06
Rijaul Hossion Sekh	Sekh Azmol Hossion	Sirarai	Galsi-I	9641824204		233175	876070	Yes	20-50-20-20	Do	Do	0.16	4.8	11.3	7.6	17.11
Piyar Ali Mandal	Nijam Ali Mandal	Sirarai	Galsi-I	9732395932		233172	876073	Yes	20-50-20-20	Do	Do	0.16	4.8	10.2	6.8	19.12
Rabiul Haque Mandal		Sirarai	Galsi-I	9732226538		233167	876078	Yes	20-50-20-20	Do	Do	0.16	4.8	10.5	6.5	20.00
Abdul Haque Mandal	Nijam Ali Mandal	Sirarai	Galsi-I	9732313155		233164	876080	Yes	20-50-20-20	Do	Do	0.16	4.8	9.9	8.8	15.91
Year Mahammad Mandal		Sirarai	Galsi-I	9091306792		233162	876083	Yes	20-50-20-20	Do	Do	0.16	4.8	10.3	6.6	24.24
Rahamat Ali Mandal	Nijam Ali Mandal	Sirarai	Galsi-I	8001563001		233160	876082	Yes	20-50-20-20	Do	Do	0.16	4.8	11	8.1	13.58
Sekh Rejaul Haque	Said Haque	Jamtara	Ausgram-II	8512966103		234339	875931	Yes	20-40-20-15	Do	Do	0.16	4.8	9.8	7.5	18.67
Samsul Alam Sekh	Said Mahammad	Jamtara	Ausgram-II	8512966103		234339	875934	Yes	20-40-20-15	Do	Do	0.16	4.8	10.3	8.4	16.67
Kamrul Jamal Sekh	Said Sekh	Jamtara	Ausgram-II	7407591517		234336	875936	Yes	20-40-20-15	Do	Do	0.16	4.8	11	9.3	3.23

Seikh Saidmahammad	Seikh Abdulrab	Jamtara	Ausgram-II	8145657898		234334	875936	Yes	20-40-20-15	Do	Do	0.16	4.8	10.1	8.1	14.81
Kartick Bauri	Upendra Bauri	Baktarnagar	andal	8343890701		235990	871454	Yes	20-50-15-15	Do	Do	0.16	4.8	9.3	9.4	8.51
Nimai Das	Nagendra Das	Baktarnagar	andal	9932103785		235993	871446	Yes	20-50-15-15	Do	Do	0.16	4.8	8.6	8.9	13.48
Soumen Bauri		Baktarnagar	andal	9614436108		235993	871447	Yes	20-50-15-15	Do	Do	0.16	4.8	8.9	7.7	15.58
Rahul Das	Chittaranjan Das	Natun Madanpur	andal	7031901426		235745	871611	Yes	20-50-15-15	Do	Do	0.16	4.8	7.9	8	16.25
Fucho Ruidas	Panchu Ruidas	Baktarnagar	andal	8967686439		235996	871446	Yes	20-50-15-15	Do	Do	0.16	4.8	8.2	8.8	13.64
Bhugol Mondal	Shital Mondal	Natun Madanpur	andal	9932103785		235745	871615	Yes	20-50-15-15	Do	Do	0.16	4.8	8.5	8.1	19.75
Narayan Bagdi	Bijoy Bagdi	Natun Madanpur	andal	9679632810		235747	871614	Yes	20-50-15-15	Do	Do	0.16	4.8	8.9	8.4	11.90
Badal Mandi	Jadu Mandi	Baktarnagar	andal	9932103785		235997	871445	Yes	20-50-15-15	Do	Do	0.16	4.8	8.1	9.1	12.09
Bijay Ruidas	Phakir Ruidas	Baktarnagar	andal	9153426402		235997	871447	Yes	20-50-15-15	Do	Do	0.16	4.8	7.8	7.7	23.38
Sattam Das	Banamali Das	Baktarnagar	andal	9932103785		235995	871450	Yes	20-50-15-15	Do	Do	0.16	4.8	10.2	8	23.75
Kanai Ruidas	Pashu Ruidas	Baktarnagar	andal	9932103785		235994	871451	Yes	20-50-15-15	Do	Do	0.16	4.8	8.2	9	13.33
Arun Kumar Misra	Anadi Charan Misra	Madanpur	andal	8918949741		235746	871609	Yes	20-50-15-15	Do	Do	0.16	4.8	9.2	8.4	16.67
Hopna Soren	Gadadhar Soren	Baktarnagar	andal	8918548691		235992	871453	Yes	20-50-15-15	Do	Do	0.16	4.8	8.9	8.4	13.10

Chickpea

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Area (ha)	Brief technology intervention	Variety	Seed quantity used (Kg)	Demo yeild q/ha	Yield of local check q/ha	% increase
						Latitude	Longitude									
Taraknath Pal		Siddhapur	Raniganj			237340	871537	Yes	15-40-15-15	0.10	INM	JAKI-9218	4	9.8	7.5	23.47
Shantiram Garai	Nimai Garai	Siddhapur	Raniganj	8001668827		237337	871540	Yes	15-40-15-15	0.10	INM	DO	4	9.6	7.4	22.92
Monilal Ghosh		Siddhapur	Raniganj	8145666039		237336	871542	Yes	15-40-15-15	0.10	INM	DO	4	10.2	7.9	22.55
Sunil Gorai	Nabahari Gorai	Siddhapur	Raniganj	9933718073		237340	871540	Yes	15-40-15-15	0.10	INM	DO	4	10.5	8.1	22.86
Prashanta Garai	Habal Garai	Siddhapur	Raniganj			237341	871538	Yes	15-40-15-15	0.10	INM	DO	4	8.7	6.6	24.14
Subhash Pal	Baidyanath Pal	Siddhapur	Raniganj			237336	871543	Yes	15-40-15-15	0.10	INM	DO	4	10.2	7.8	23.53
Nanda Patra	Banshidhar Patra	Siddhapur	Raniganj	9593549934		237332	871538	Yes	15-40-15-15	0.10	INM	DO	4	9.5	7.4	22.11
Manilal Patra		Bagdiha	Raniganj	8145666039		237330	871540	Yes	15-40-15-15	0.10	INM	DO	4	8.8	6.5	26.14
Sakshi Gopal Bag	Gosain Chandra Bag	Bagdiha	Raniganj	8944036170		237376	871689	Yes	15-40-15-15	0.10	INM	DO	4	10.2	8	21.57
Adaibta Bag	Sri Chand Bag	Bagdiha	Raniganj	8145667850		237377	871688	Yes	15-40-15-15	0.10	INM	DO	4	8.6	7.3	15.12
Jiban Bag	Amritlal Bag	Siddhapur	Raniganj	9734733432		237378	871690	Yes	15-40-15-15	0.10	INM	DO	4	9.5	7.4	22.11
Ganesh Garai	Madan Garai	Siddhapur	Raniganj	8918291519		237329	871541	Yes	15-40-15-15	0.10	INM	DO	4	9.3	6.9	25.81
Uttam Patra	Banshidhar Patra	Siddhapur	Raniganj	8145666039		237328	871541	Yes	15-40-15-15	0.10	INM	DO	4	8.4	7.4	11.90
Krishnapada Patra	Jaladhar Patra	Siddhapur	Raniganj	8001744694		237329	871543	Yes	15-40-15-15	0.10	INM	DO	4	9.2	7.1	22.83
Kajal Paul	Nabagopal Paul	Siddhapur	Raniganj	9775702772		237327	871544	Yes	15-40-15-15	0.10	INM	DO	4	8.5	6.3	25.88
Prasenjit Paul	Akshay Paul	Siddhapur	Raniganj	9679849873		237383	871539	Yes	15-40-15-15	0.10	INM	DO	4	10.1	7.8	22.77
Shailen Patra	Madhai Patra	Siddhapur	Raniganj	8768196173		237382	871539	Yes	15-40-15-15	0.10	INM	DO	4	9.7	7.5	22.68
Uttam Paul	Bholgobinda Paul	Siddhapur	Raniganj	8515971843		237385	871540	Yes	15-40-15-15	0.10	INM	DO	4	9.9	7.6	23.23

Anowar Sekh	Sarjed Sekh	Jahannagar	Purbasthali_I	9735323382		234226	883187	Yes	15-40-20-20	0.10	INM	DO	4	10.9	8.2	24.77
Turabali Seikh	Osman Seikh	Jahannagar	Purbasthali_I	8972737447		234225	883188	Yes	15-40-20-20	0.10	INM	DO	4	10	7.7	23.00
Israil Sekh	Ramjan Sekh	Jahannagar	Purbasthali_I	7550911466		234226	883185	Yes	15-40-20-20	0.10	INM	DO	4	10.7	8.3	22.43
Sabur Ali Seikh	Osman Seikh	Jahannagar	Purbasthali_I	9732102050		234219	883196	Yes	15-40-20-20	0.10	INM	DO	4	9.9	7.5	24.24
Najarali Sekh	Idmohommed Sekh	Jahannagar	Purbasthali_I	8640073467		234220	883198	Yes	15-40-20-20	0.10	INM	DO	4	10.4	8.1	22.12
Samshu Ali Sekh	Idmahammad Sekh	Jahannagar	Purbasthali_I	9647217286		234218	883203	Yes	15-40-20-20	0.10	INM	DO	4	9.8	7.5	23.47
Alauddin Khan	Surban Khan	Jahannagar	Purbasthali_I	7797674626		234221	883195	Yes	15-40-20-20	0.10	INM	DO	4	10.2	8	21.57
Babarali Sekh	Osman Sekh	Jahannagar	Purbasthali_I	8967203098		234224	883187	Yes	15-40-20-20	0.10	INM	DO	4	9.6	7.4	22.92
Neher Ali Khan	Balai Khan	Jahannagar	Purbasthali_I	9547492813		234214	883202	Yes	15-40-20-20	0.10	INM	DO	4	9.8	7.4	24.49
Suklal Seikh	Ramjan Seikh	Jahannagar	Purbasthali_I	7550911466		234223	883185	Yes	15-40-20-20	0.10	INM	DO	4	10.5	8.4	20.00
Rasul Khan	Pagal Khan	Maganpur	Purbasthali_I	9564521022		234215	883204	Yes	15-40-20-20	0.10	INM	DO	4	9.5	7.3	23.16
Suroj Ali Seikh	Sabur Ali Seikh	Maganpur	Purbasthali_I	9733314433		234217	883201	Yes	15-40-20-20	0.10	INM	DO	4	9.6	7.4	22.92
Surabali Sekh	Osman Sekh	Maganpur	Purbasthali_I	9732305431		234228	883194	Yes	15-40-20-20	0.10	INM	DO	4	9.9	7.6	23.23
Lokman Sekh	Dewani Sekh	Jahannagar	Purbasthali_I	7550911466		234221	883187	Yes	15-40-20-20	0.10	INM	DO	4	10.1	7.9	21.78
Meshiyat Sekh	Ramjan Sekh	Maganpur	Purbasthali_I	7550911466		234212	883206	Yes	15-40-20-20	0.10	INM	DO	4	10.4	8.1	22.12
Majit Seikh	Samsu Ali Seikh	Maganpur	Purbasthali_I	8016720855		234230	883198	Yes	15-40-20-20	0.10	INM	DO	4	9.2	7.1	22.83
Chandu Sekh	Imani Sekh	Maganpur	Purbasthali_I	8348285437		234227	883194	Yes	15-40-20-20	0.10	INM	DO	4	9.8	7.5	23.47
Ohab Ali Khan	Isaf Ali Khan	Maganpur	Purbasthali_I	7407223351		234231	883199	Yes	15-40-20-20	0.10	INM	DO	4	9.4	7.2	23.40
Mansur Mallick	Rahim Mallick	Jahannagar	Purbasthali_I	8641945872		234233	883198	Yes	15-40-20-20	0.10	INM	DO	4	10.2	7.9	22.55
Amsurali Sekh	Idmohommed Sekh	Maganpur	Purbasthali_I	8348285437		234211	883201	Yes	15-40-20-20	0.10	INM	DO	4	8.6	6.5	24.42
Kurban Sk	Rahim Sk	Fatepur	Galsi-I	8016788526		234222	883195	Yes	20-40-20-20	0.15	INM	DO	6	8.9	6.5	26.97
Sekh Samsuddin	Sekh Kalmuddin	Fatepur	Galsi-I	8609083415		233569	874975	Yes	20-40-20-20	0.15	INM	DO	6	10.5	8.4	20.00
Sekh Alam	Sekh Mor Selim	Fatepur	Galsi-I	7602811054		233568	874976	Yes	20-40-20-20	0.15	INM	DO	6	10.8	8.2	24.07
Nurjahan Khatun	Sekh Nurul Huda	Fatepur	Galsi-I	9134210375		233565	874952	Yes	20-40-20-20	0.15	INM	DO	6	11.2	8.5	24.11
Sabur Ali Mondal	Jamir Mondal	Fatepur	Galsi-I	9134210		23357	874972	Yes	20-40-20-20	0.1	INM	DO	6	10.6	8.3	21.70

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Sekh Akbar	Sekh Sultan	Fatepur	Galsi-I	9134210375		233563	874950	Yes	20-40-20-20	0.15	INM	DO	6	12	9.4	21.67
Sekh Asgar	Sekh Sultan	Fatepur	Galsi-I	8116715931		233577	874964	Yes	20-40-20-20	0.15	INM	DO	6	12.3	9.6	21.95
Sabibar Kaji	Based Ali Kaji	Fatepur	Galsi-I	9153400819		233563	874954	Yes	20-40-20-20	0.15	INM	DO	6	11.1	9.4	15.32
Md Maksud	Md Mustakim	Fatepur	Galsi-I	8515991906		233572	874972	Yes	20-40-20-20	0.15	INM	DO	6	10.4	8.3	20.19
Kaji Habib Rahaman	Based Ali	Fatepur	Galsi-I	9093623782		233558	874952	Yes	20-40-20-20	0.15	INM	DO	6	10.8	8.5	21.30
Sarif Kaji	Hasibar Kaji	Fatepur	Galsi-I	8116803975		233576	874967	Yes	20-40-20-20	0.15	INM	DO	6	11.4	9	21.05
Hasibar Kaji	Baset Kaji	Fatepur	Galsi-I	9564688482		233572	874967	Yes	20-40-20-20	0.15	INM	DO	6	12.3	10.2	17.07
Tabibar Kaji	Based Kaji	Fatepur	Galsi-I	9093998669		233567	874962	Yes	20-40-20-20	0.15	INM	DO	6	11.1	9.1	18.02
Kutubuddin Kaji	Rased Kaji	Fatepur	Galsi-I	9134210375		233582	874961	Yes	20-40-20-20	0.15	INM	DO	6	9.9	7.6	23.23
Lakhindar Munda	Rabi Munda	Fatepur	Galsi-I	8944806214		233562	874988	Yes	20-40-20-20	0.15	INM	DO	6	9.5	7.4	22.11
Majnu Munda	Bharat Munda	Fatepur	Galsi-I	7602361691		233561	874991	Yes	20-40-20-20	0.15	INM	DO	6	10.8	8.1	25.00
Paramesari Bagdi		Fatepur	Galsi-I	8537090356		233569	874976	Yes	20-40-20-20	0.15	INM	DO	6	11.1	8.4	24.32
Satya Deshali	Fakir Deshali	Fatepur	Galsi-I	9134138323		233569	874973	Yes	20-40-20-20	0.15	INM	DO	6	10.9	8.5	22.02
Hiralal Deshali	Mohan Deshali	Fatepur	Galsi-I	8967417562		233575	874973	Yes	20-40-20-20	0.15	INM	DO	6	10.2	8	21.57
Dhiren Deshali	Mohan Deshali	Fatepur	Galsi-I	8944962021		233577	874974	Yes	20-40-20-20	0.15	INM	DO	6	8.9	6.6	25.84
Uttam Ghosh	Kamal Ghosh	Fatepur	Galsi-I	8944806416		233579	874970	Yes	20-40-20-20	0.15	INM	DO	6	10.5	8.4	20.00
Dhiren Ghosh	Kamal Ghosh	Fatepur	Galsi-I	8538811849		233579	874974	Yes	20-40-20-20	0.15	INM	DO	6	10.8	7.8	27.78
Sekh Majid	Sekh Abdul	Fatepur	Galsi-I	8346971811		233579	874967	Yes	20-40-20-20	0.15	INM	DO	6	11.2	8.9	20.54
Milan Chandra Ghosh	Santimoy Ghosh	Fatepur	Galsi-I	8370970820		233582	874967	Yes	20-40-20-20	0.15	INM	DO	6	10.6	8.2	22.64
Bharat Munda	Paban Munda	Fatepur	Galsi-I	8537882578		233584	874968	Yes	20-40-20-20	0.15	INM	DO	6	12.4	10.1	18.55
Kishori Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	8016327829		233585	874966	Yes	20-40-20-20	0.15	INM	DO	6	12.3	10.2	17.07
Bhuban Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	8016327829		233586	874966	Yes	20-40-20-20	0.15	INM	DO	6	11.1	8.9	19.82
Sanjay Batabyal	Madan Mohan Batabyal	Fatepur	Galsi-I	8158983311		233588	874965	Yes	20-40-20-20	0.15	INM	DO	6	10.4	8	23.08
Amal Kant Ghosh	Gangadhar Ghosh	Fatepur	Galsi-I	9564660157		233589	874943	Yes	20-40-20-20	0.15	INM	DO	6	10.8	8.2	24.07

Rajib Deshali	Rathin Deshali	Fatepur	Galsi-I	7699531349		233591	874946	Yes	20-40-20-20	0.15	INM	DO	6	11.4	9	21.05
Chanchla Deshali	Dukhiram Deshali	Fatepur	Galsi-I	8944817224		233591	874950	Yes	20-40-20-20	0.16	INM	DO	6	12.3	10.2	17.07
Ramesh Deshali	Noro Deshali	Fatepur	Galsi-I	8597229478		233593	874933	Yes	20-40-20-20	0.16	INM	DO	6	11.1	8.8	20.72
Rupa Deshali	Bene Deshali	Fatepur	Galsi-I	9800198676		233594	874922	Yes	20-40-20-20	0.16	INM	DO	6	9.9	7.4	25.25
Goutam Kumar Mukherjee	Nirod Baran Mukherjee	Fatepur	Galsi-I	8972084538		233596	874921	Yes	20-40-20-20	0.16	INM	DO	6	9.5	7.1	25.26
Bankim Bagdi	Bibhuti Bagdi	Fatepur	Galsi-I	8597547352		233585	874964	Yes	20-40-20-20	0.16	INM	DO	6	10.8	8.4	22.22
Santosh Kumar Ghosh	Gangadhar Ghosh	Fatepur	Galsi-I	7797404528		233588	874964	Yes	20-40-20-20	0.16	INM	DO	6	11.1	8.8	20.72
Tapan Kumar Ghosh	Panchanan Ghosh	Fatepur	Galsi-I	8343088247		233571	874977	Yes	20-40-20-20	0.16	INM	DO	6	10.9	9.4	13.76
Madan Bagdi	Dolgobinda Bagdi	Fatepur	Galsi-I	7602811054		233571	874982	Yes	20-40-20-20	0.16	INM	DO	6	10.2	8.8	13.73
Hriday Munda	Jagat Munda	Fatepur	Galsi-I	9800939437		233568	874984	Yes	20-40-20-20	0.16	INM	DO	6	8.9	6.4	28.09
Pranab Kumar Bagdi	Dwijpada Bagdi	Fatepur	Galsi-I	8609158479		233569	874976	Yes	20-40-20-20	0.16	INM	DO	6	10.5	8.5	19.05
Swapan Kumar Ghosh	Panchanan Ghosh	Fatepur	Galsi-I	9091899871		233563	874977	Yes	20-40-20-20	0.16	INM	DO	6	10.8	8.4	22.22
Chandra Mohan Batabyal	Nalinakkha Batabyal	Fatepur	Galsi-I	7699659963		233573	874976	Yes	20-40-20-20	0.16	INM	DO	6	11.2	9	19.64
Piyar Ali Sk	Sk Lokman	Fatepur	Galsi-I	8343999750		233566	874977	Yes	20-40-20-20	0.16	INM	DO	6	10.6	8.2	22.64
Sekh Mukmuddin	Sekh Makbul	Fatepur	Galsi-I	8159904205		233578	874972	Yes	20-40-20-20	0.16	INM	DO	6	12	10	16.67
Paresh Chandra Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8345912520		233563	874953	Yes	20-40-20-20	0.16	INM	DO	6	12.3	9.5	22.76
Sukumar Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8345912520		233565	874953	Yes	20-40-20-20	0.16	INM	DO	6	11.1	8.5	23.42
Kartik Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	9476136326		233576	874962	Yes	20-40-20-20	0.16	INM	DO	6	10.4	7.7	25.96
Sadhan Ghosh	Shibapada Ghosh	Fatepur	Galsi-I	8972192780		233578	874963	Yes	20-40-20-20	0.16	INM	DO	6	10.8	8	25.93
Ajit Ghosh	Durgapada Ghosh	Fatepur	Galsi-I	8972192780		233561	874952	Yes	20-40-20-20	0.16	INM	DO	6	11.4	9.2	19.30
Subhash Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	8346960690		233563	874951	Yes	20-40-20-20	0.16	INM	DO	6	12.3	9.7	21.14
Ram Deshali	Madan Deshali	Fatepur	Galsi-I	9134210375		233560	874950	Yes	20-40-20-20	0.16	INM	DO	6	11.1	8.9	19.82
Sk Samser	Sk Soleman	Uchchagram	Galsi-I	8640864056		233871	876518	Yes	20-40-20-20	0.16	INM	DO	6	9.9	7.3	26.26
Majammal Sekh	Sattar Sekh	Uchchagram	Galsi-I	9679915684		233869	876516	Yes	20-40-20-20	0.16	INM	DO	6	9.5	7.5	21.05
Mazoffar Sekh	Sattar Sekh	Uchchagr	Galsi-I	7699626		23387	876518	Yes	20-40-20-20	0.1	INM	DO	6	10.8	8.5	21.30

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Sundari Besra	Pagal Hembram	Uchchagram	Galsi-I	9641982425		233872	876520	Yes	20-40-20-20	0.16	INM	DO	6	11.1	9	18.92
Chowdhury Imran Hossain	Chowdhury Mosaraf Hossain	Puratangram	Galsi-I	7699727349		232678	876064	Yes	20-40-20-20	0.10	INM	DO	4	10.9	8.5	22.02
Rejaul Khan	Abusad Khan	Puratangram	Galsi-I	9800023562		232676	876063	Yes	20-40-20-20	0.10	INM	DO	4	10.2	7.9	22.55
Mosaraf Hossain Choudhuri	Muyajjem Choudhuri	Puratangram	Galsi-I	9547674197		232669	876081	Yes	20-40-20-20	0.10	INM	DO	4	8.9	6.5	26.97
Sushanta Bagdi	Naran Chandra Bagdi	Puratangram	Galsi-I	9134731343		232670	876065	Yes	20-40-20-20	0.10	INM	DO	4	10.5	8.1	22.86
Omar Ali Choudhury	Jabbar Choudhury	Puratangram	Galsi-I	8159997533		232677	876064	Yes	20-40-20-20	0.10	INM	DO	4	10.8	8.4	22.22
Sekh Nabab	Jikrya Sekh	Puratangram	Galsi-I	8972243057		232662	876080	Yes	20-40-20-20	0.10	INM	DO	4	11.4	9	21.05
Chowdhury Samim Parvez	Mannaf Chowdhury	Puratangram	Galsi-I	7908465164		232665	876081	Yes	20-40-20-20	0.10	INM	DO	4	11.6	9.3	19.83
Abdus Sobhan Sekh	Israil Sekh	Puratangram	Galsi-I	8669068714		232664	876081	Yes	20-40-20-20	0.10	INM	DO	4	10.9	8.6	21.10
Abdul Ahad Mondal	Sademani Mondal	Puratangram	Galsi-I	9732277817		232669	876082	Yes	20-40-20-20	0.10	INM	DO	4	12	10.3	14.17
Abdul Khalek Choudhury	Kibria Choudhury	Puratangram	Galsi-I	9635889196		232665	876080	Yes	20-40-20-20	0.10	INM	DO	4	11.4	9.1	20.18
Naran Bagdi	Ananda Bagdi	Puratangram	Galsi-I	9732373816		232686	876100	Yes	20-40-20-20	0.10	INM	DO	4	10.2	8	21.57
Sobhan Khan	Sahjahan Khan	Puratangram	Galsi-I	9007855087		232688	876101	Yes	20-40-20-20	0.10	INM	DO	4	12.5	10.2	18.40

Greengram

Name of farmer	Father name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Yield of local check (q/ha)	Demo Yield (q/ha)	% increase
						Latitude	Longitude								
Nurjahan Khatun	Nurul Huda	**Fatepur**	Galsi-I	9153373961		232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	9.1	10.2	12.1
Kazi Hosibur	Based Ali	Fatepur	Galsi-I	8159893311		232132	872944	No		INM	Samrat	4 kg/ bigha	8.3	9.1	9.6
Sanjay Batabbal	Madan Batabbal	Fatepur	Galsi-I	8159893311		232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	8.4	9.4	11.9
Dhiren Ghosh	Kamal Ghosh	Fatepur	Galsi-I	8537016291		232132	872944	No		INM	Samrat	4 kg/ bigha	10.3	11	6.8
Sandeep Ghosh	Sudhir Ghosh	Fatepur	Galsi-I			232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	10.4	11	5.8
Sk Asgar Ali	Sk Sultan	Fatepur	Galsi-I			232132	872944	No		INM	Samrat	4 kg/ bigha	7.8	8.9	14.1
Pranab Bagdi	Dijpada Bagdi	Fatepur	Galsi-I			232132	872944	No		INM	Samrat	4 kg/ bigha	9.1	10.4	14.3
Sk Afroj	Sk Mojid	Fatepur	Galsi-I			232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	8.4	9.6	14.3
Ajit Ghosh	Durgapada Ghosh	Fatepur	Galsi-I	8972192780		232132	872944	No		INM	Samrat	4 kg/ bigha	8.4	9.7	15.5
Paresh Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	9093829346		232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	8.9	9.5	6.7
Sukumar Ghosh	Bholanath Ghosh	Fatepur	Galsi-I	7585058963		232132	872944	No		INM	Samrat	4 kg/ bigha	8.1	8.2	1.2
Uttam Bagdi	Haradhan Bagdi	Fatepur	Galsi-I			232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	8.5	9.9	16.5
Shyamapada Ghosh	Jiten Ghosh	Fatepur	Galsi-I			232132	872944	No		INM	Samrat	4 kg/ bigha	10.5	11.7	11.4
Apurba Das	Kartik Das	Fatepur	Galsi-I			232132	872944	Yes	N:P:K:S = 20:40:20	INM	Samrat	4 kg/ bigha	9	9.9	10.0
Bhaskar Dewasi	Sudhir Kumar Dewasi	Simnori	Galsi-I	9732157887		231278	873582	Yes	N:P:K:S = 20:40:30				11.4	14.3	25.4
Uma Sundar Mondal		**Kondaipur**	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	6.5	7.2	10.8

Nimai Ghosh		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	6.9	7.5	8.7
Prabhas Banerjee		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	7.5	8.1	8.0
Prasanta Pal		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	7.9	8.4	6.3
Kartik Mondal		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	10.3	10.9	5.8
Gour Mondal		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	10.2	11.3	10.8
Subhas Mondal		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	8.3	11.7	41.0
Jaladhar Santra		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	8.4	10.6	26.2
Prasanta Sur		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	8.9	10.4	16.9
Narayan Ghosh		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	10.1	11.2	10.9
Sushanta Ankure		Kondaipur	Galsi-I			232434	873540	Yes		INM	Samrat	4 kg/ bigha	11.2	12.4	10.7
Bipas Pan		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	7.9	8.1	2.5
Laxman Mondal		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	8.1	9	11.1
Debbrata Mondal		Kondaipur	Galsi-I			232434	873540	No		INM	Samrat	4 kg/ bigha	8.3	9.2	10.8
Subrata Mondal		Kondaipur	Galsi-I			232434	873540	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	9.1	11.1	22.0
Santanu Kesh	Debprashana Kesh	**Bhuri**	Galsi-II	9932527167		231725	874253	No		INM	Samrat	4 kg/ bigha	9.5	9.6	1.1
Asim Pal	Subal Pal	Bhuri	Galsi-II	8001733026		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	9.3	9.8	5.4
Madhusudhan Ghosh	Narayan Ghosh	Bhuri	Galsi-II	9564678843		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	9.6	11.2	16.7
Dipti Pal	Subal Pal	Bhuri	Galsi-II	8348015210		231725	874253	No		INM	Samrat	4 kg/ bigha	9.5	11.6	22.1
Jiten Majhi	Dhananjay Majhi	Bhuri	Galsi-II	8609643070		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	9.8	12.3	25.5
Gopi Mukherjee	Durgapada Mukherjee	Bhuri	Galsi-II	9749782470		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	8.1	12.1	49.4

Bani Pal	Krishna Pal	Bhuri	Galsi-II	7872650283		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	8.2	9.1	11.0
Apu Sen	Tarashankar Sen	Bhuri	Galsi-II			231725	874253	No		INM	Samrat	4 kg/ bigha	8.9	9.9	11.2
Uttam Pal	Kartik Pal	Bhuri	Galsi-II	7826409840		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	8.1	9	11.1
Ajay Mohanta	Subal Mohanta	Bhuri	Galsi-II	9732175559		231725	874253	No		INM	Samrat	4 kg/ bigha	6.9	7.7	11.6
Rup kumar Pal	N. C. Pal	Bhuri	Galsi-II	9932027754		231725	874253	No		INM	Samrat	4 kg/ bigha	7.6	8.4	10.5
Subha Pal	Naren Pal	Bhuri	Galsi-II	9933908513		231725	874253	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	7.8	8.7	11.5
Sk Bahauddin	Badre Alam	**Boromuria**	Galsi-II	9932629156		231952	874356	No		INM	Samrat	4 kg/ bigha	7.1	7.9	11.3
Jalaluddin Sekh	Badre Alam	**Boromuria**	Galsi-II	9932629156		231952	874356	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	7.9	8.8	11.4
Sambhu Roy	Mukur Roy	**Sarul**	Galsi-II	9434200953		231915	874222	Yes	N:P:K:S = 25:40:30	INM	Samrat	4 kg/ bigha	8.4	9.3	10.7
Goutam Sinha	Ajit Sinha	**Premganj**	Aushgram-II	7602948698		232846	873215	No		INM	Samrat	4 kg/ bigha	8.7	9.7	11.5
Nazrul Kader Mondal	Abdur Kader Mondal	**Shrikrishnapur**	Aushgram-II	9475126291		233414	874034	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.8	9.8	11.4
Ashok Ghosh	Jagganath Ghosh	**Muraripur**	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.9	9.9	11.2
Mrinal Ghosh	Sahadeb Ghosh	Muraripur	Bhatar			232401	880149	No		INM	Samrat	4 kg/ bigha	6.9	7.7	11.6
Sk Ujjwal	Sk Mansur	**Orgram**	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.1	9	11.1
Badsa Mian	Faju Mian	Orgram	Bhatar			232622	874617	No		INM	Samrat	4 kg/ bigha	7.9	8.8	11.4
Sk Rejaul	Sk Mansur	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	7.5	8.3	10.7
Bikas Ghosh	Barik Ghosh	Muraripur	Bhatar			232401	880149	No		INM	Samrat	4 kg/ bigha	8.6	9.5	10.5
Bakul Hazra	Kubir Hazra	Muraripur	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.6	9.5	10.5
Amal Hazra	Adhir Hazra	Muraripur	Bhatar			232401	880149	No		INM	Samrat	4 kg/ bigha	8	8.9	11.3
Tusar Ghosh	Bipadtaran Ghosh	Muraripur	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9	10	11.1

Dhiraj Samanta	Manik Samanta	Muraripur	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.6	9.5	10.5
Samar Hazra	Badal Hazra	Muraripur	Bhatar			232401	880149	No		INM	Samrat	4 kg/ bigha	8.5	9.4	10.6
Toton Ghosh	Rajkumar Ghosh	Muraripur	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.4	9.3	10.7
Sukhen Chowdhury	Kalipada Chowdhury	Muraripur	Bhatar			232401	880149	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.1	9	11.1
Bangshidhar Mondal	Gunadhar Mondal	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	7.8	8.7	11.5
Gadadhar Ghosh	Biswanath Ghosh	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	7.1	7.9	11.3
Palash Mondal	Swarup Mondal	Orgram	Bhatar			232622	874617	No		INM	Samrat	4 kg/ bigha	6.9	7.7	11.6
Priya Ghosh	Panchanan Ghosh	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9.2	10.2	10.9
Jaharlal Koner	Bankim Koner	**Palar**	Bhatar			232424	875427	No		INM	Samrat	4 kg/ bigha	9.8	10.9	11.2
Subodh Koner	Mukti Koner	**Kulchand**	Bhatar			232580	875534	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9.9	11	11.1
Hemanta Chatterjee	Satyendra Chatterjee	**Bamsor**	Bhatar			232558	875444	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	7.5	8.3	10.7
Mrinmoy Chatterjee	Hemanta Chatterjee	Bamsor	Bhatar			232558	875444	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	7.9	9.6	21.5
Sumitra Bairagya	Sunil Bairagya	Palar	Bhatar			232424	875427	No		INM	Samrat	4 kg/ bigha	8.1	8.2	1.2
Jagabandhu Bairagya	Kalipada Bairagya	Palar	Bhatar			232424	875427	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.1	9.9	22.2
Sunil Majumdar	Khetranath Mazumdar	**Natungram**	Bhatar			233624	880814	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8	8.9	11.3
Harimohan Sen	Debdas Sen	Natungram	Bhatar			233624	880814	No		INM	Samrat	4 kg/ bigha	7.8	9.2	17.9
Banamali Karmakar	Panchkari Karmakar	**Silakat**	Bhatar			23244	875556	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.6	8.9	3.5
Umashankar Mondal	Ekkari Mondal	Silakat	Bhatar			23244	875556	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.4	8.9	6.0
Panchanan Ghosh	Aswini Ghosh	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	10.1	11.2	10.9
Jyotsona Ghosh	Anantadeb Pal	Orgram	Bhatar			232622	874617	No		INM	Samrat	4 kg/ bigha	7.9	9.8	24.1

Parul Ghosh	Mritunjaoy Ghosh	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9.9	10.4	5.1
Saraswati Pal	Aswini Ghosh	Orgram	Bhatar			232622	874617	No		INM	Samrat	4 kg/ bigha	8.8	10.6	20.5
Nibedita Ghosh	Aswini Ghosh	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.9	9.9	11.2
Pradyut Mondal	Basudev Mondal	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9.4	10.4	10.6
Sk Salim	Sk Amir	Orgram	Bhatar			232622	874617	No		INM	Samrat	4 kg/ bigha	9.6	10.7	11.5
Sk Osman	Sk Sahadat	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	9.2	10.2	10.9
Sk Ali	Sk Rashid	Orgram	Bhatar			232622	874617	Yes	N:P:K:S = 25:40:20	INM	Samrat	4 kg/ bigha	8.9	9.9	11.2
Md. Rafik	Sk Sagar	**Gholda**	Bhatar			232418	874635	No		INM	Samrat	4 kg/ bigha	9.1	10.7	17.6
Keramat Mallik	Kuddus Mallik	Gholda	Bhatar			232418	874635	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	8.2	8.9	8.5
Haradhan Mondal	Ganga Mondal	**Palar**	Bhatar			232424	875427	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	8.5	9.4	10.6
Mahendra Hazra	Banamali Hazra	Palar	Bhatar			232424	875427	No		INM	Samrat	4 kg/ bigha	8.5	9.4	10.6
Sk Nur Alam	Harun Rashid	**Patna**	Bhatar			23279	875551	Yes	N:P:K:S = 20:40:30	INM	Samrat	4 kg/ bigha	7.5	8.9	18.7

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies	2	76	0	76	3	0	3	1	0	1	80	0	80
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	1	17	0	17	3	0	3	0	0	0	20	0	20
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	1	18	2	20	5	0	5	0	0	0	23	2	25
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	1	18	0	18	2	0	2	0	0	0	20	0	20
Cultivation of Fruit													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	3	71	0	71	4	0	4	0	0	0	75	0	75
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	2	35	0	35	5	0	5	5	0	5	45	0	45
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nutrient Use Efficiency	1	23	0	23	2	0	2	0	0	0	25	0	25
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products	3	70	0	70	3	0	3	0	0	0	73	0	73
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	1	19	4	23	0	2	2	0	0	0	19	6	25
Integrated Disease Management													
Bio-control of pests and diseases	1	25	0	25	0	0	0	0	0	0	25	0	25
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming	2	53	0	53	2	0	2	0	0	0	55	0	55
Carp breeding and hatchery management	1	21	0	21	4	0	4	0	0	0	25	0	25
Carp fry and fingerling rearing	1	15	7	22	1	0	1	0	2	2	16	9	25
Composite fish culture & fish disease	2	33	0	33	17	1	18	10	0	10	60	1	61
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn	1	21	0	21	4	0	4	0	0	0	25	0	25
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	16	0	16	0	0	0	9	0	9	25	0	25
Formation and Management of SHGs	1	20	0	20	0	0	0	0	0	0	20	0	20
Mobilization of social capital	1	15	1	16	1	0	1	8	0	8	24	1	25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	26	566	14	580	56	3	59	33	2	35	655	19	674

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	25	0	25	0	0	0	0	0	0	25	0	25
Integrated Farming													
Planting material production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	1	25	0	25	0	0	0	0	0	0	25	0	25

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	17	0	17	3	0	3	0	0	0	20	0	20
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	1	17	0	17	3	0	3	0	0	0	20	0	20

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems	8	323	11	334	88	12	100	43	3	46	454	26	480
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	2	67	0	67	12	0	12	1	0	1	80	0	80
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	2	33	0	33	17	0	17	0	0	0	50	0	50
Others, if any (Cultivation of Vegetable)	2	47	0	47	2	0	2	2	0	2	51	0	51
Training and Pruning													
b) Fruits													
Layout and Management of Orchards	2	14	1	15	17	5	22	10	3	13	41	9	50
Cultivation of Fruit													
Management of young plants/orchards	1	14	0	14	4	1	5	1	0	1	19	1	20
Rejuvenation of old orchards	1	10	0	10	12	2	14	1	0	1	23	2	25
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	2	44	0	44	6	0	6	0	0	0	50	0	50
Production and use of organic inputs													
Management of Problematic soils	1	22	0	22	1	0	1	1	1	2	24	1	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	2	66	1	67	7	0	7	1	0	1	74	1	75
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products	9	191	2	193	24	0	24	3	0	3	218	2	220
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides	2	52	0	52	0	0	0	0	0	0	52	0	52
Others, if any													
VIII. Fisheries													
Integrated fish farming	1	21	0	21	7	0	7	2	0	2	30	0	30
Carp breeding and hatchery management	1	31	0	31	0	0	0	0	0	0	31	0	31
Carp fry and fingerling rearing	1	22	0	22	3	0	3	0	0	0	25	0	25
Composite fish culture & fish disease	1	19	0	19	6	0	6	0	0	0	25	0	25
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pearl culture													
Fish processing and value addition													
Others, if any	2	49	1	50	2	0	2	0	0	0	51	1	52
IX. Production of Inputs at site													
Seed Production	1	30	0	30	0	0	0	0	0	0	30	0	30
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	3	24	7	31	28	1	29	12	3	15	64	11	75
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	44	1079	23	1102	236	21	257	77	10	87	1392	54	1446

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of	No. of Participants	Grand Total

	Courses	Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies	2	76	0	76	3	0	3	1	0	1	80	0	80
Cropping Systems	8	323	11	334	88	12	100	43	3	46	454	26	480
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	3	84	0	84	15	0	15	1	0	1	100	0	100
Fodder production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL	13	483	11	494	106	12	118	45	3	48	634	26	660
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	1	18	2	20	5	0	5	0	0	0	23	2	25
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	2	33	0	33	17	0	17	0	0	0	50	0	50
Others, if any (Cultivation of Vegetable)	2	47	0	47	2	0	2	2	0	2	51	0	51
TOTAL	5	98	2	100	24	0	24	2	0	2	124	2	126
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	3	32	1	33	19	5	24	10	3	13	61	9	70
Cultivation of Fruit													
Management of young plants/orchards	1	14	0	14	4	1	5	1	0	1	19	1	20
Rejuvenation of old orchards	1	10	0	10	12	2	14	1	0	1	23	2	25
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	3	71	0	71	4	0	4	0	0	0	75	0	75
Others, if any(INM)													
TOTAL	8	127	1	128	39	8	47	12	3	15	178	12	190
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	4	79	0	79	11	0	11	5	0	5	95	0	95
Production and use of organic inputs													
Management of Problematic soils	1	22	0	22	1	0	1	1	1	2	24	1	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	23	0	23	2	0	2	0	0	0	25	0	25
Soil and Water Testing	2	66	1	67	7	0	7	1	0	1	74	1	75
Others, if any													
TOTAL	8	190	1	191	21	0	21	7	1	8	218	2	220
IV. Livestock Production and Management													
Dairy Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products	12	261	2	263	27	0	27	3	0	3	291	2	293
Others, if any (Goat farming)													
TOTAL	12	261	2	263	27	0	27	3	0	3	291	2	293
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	1	19	4	23	0	2	2	0	0	0	19	6	25
Integrated Disease Management													
Bio-control of pests and diseases	1	25	0	25	0	0	0	0	0	0	25	0	25
Production of bio control agents and bio pesticides	2	52	0	52	0	0	0	0	0	0	52	0	52
Others, if any													
TOTAL	4	96	4	100	0	2	2	0	0	0	96	6	102
VIII. Fisheries													
Integrated fish farming	3	74	0	74	9	0	9	2	0	2	85	0	85
Carp breeding and hatchery management	2	52	0	52	4	0	4	0	0	0	56	0	56
Carp fry and fingerling rearing	2	37	7	44	4	0	4	0	2	2	41	9	50
Composite fish culture & fish disease	3	52	0	52	23	1	24	10	0	10	85	1	86
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn	1	21	0	21	4	0	4	0	0	0	25	0	25
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any	2	49	1	50	2	0	2	0	0	0	51	1	52
TOTAL	13	285	8	293	46	1	47	12	2	14	343	11	354
IX. Production of Inputs at site													
Seed Production	1	30	0	30	0	0	0	0	0	0	30	0	30
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL	1	30	0	30	0	0	0	0	0	0	30	0	30
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	16	0	16	0	0	0	9	0	9	25	0	25
Formation and Management of SHGs	4	44	7	51	28	1	29	12	3	15	84	11	95
Mobilization of social capital	1	15	1	16	1	0	1	8	0	8	24	1	25
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL	6	75	8	83	29	1	30	29	3	32	133	12	145
XII. Others (Pl. Specify)													
TOTAL	70	1645	37	1682	292	24	316	110	12	122	2047	73	2120

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	25	0	25	0	0	0	0	0	0	25	0	25
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products	2	47	2	49	9	0	9	2	0	2	58	2	60
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts	1	29	1	30	8	0	8	0	0	0	37	1	38
Enterprise development	7	0	17	17	0	3	3	0	0	0	0	20	20
Others if any (ICT application in agriculture)	14	0	30	30	0	10	10	0	0	0	0	40	40
TOTAL	25	101	50	151	17	13	30	2	0	2	120	63	183

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	17	0	17	3	0	3	0	0	0	20	0	20
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													

Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	1	17	0	17	3	0	3	0	0	0	20	0	20

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agriculture	PF	Rice cultivation through SRI	2	On	80	0	80	4	0	4
	PF	Climate change and impact on agriculture	1	On	20	0	20	3	0	3
	PF	Micronutrient management of crops	1	On	25	0	25	2	0	2
	PF	Need for micronutrient application in major crops	2	On	45	0	45	10	0	10
	PF	Management of problematic soils	1	Off	24	1	25	2	1	3
	PF	Need for soil testing and soil test based fertilizer application	2	Off	74	1	75	8	0	8
	PF	Improved seed production technology	1	Off	30	0	30	0	0	0
	PF	Improved production technology of jute	2	Off	80	0	80	13	0	13
	PF	Increasing nutrient use efficiency in rice and other crops	2	Off	50	0	50	6	0	6

	PF	Improved production technology of Lentil	4	Off	213	19	232	62	9	71
	PF	Improved production technology of Mustard	4	Off	241	7	248	69	6	75
	RY	Post harvest operations of jute	1	Off	37	1	38	8	0	8
	EF	Climate change and impact on agriculture	1	On	20	0	20	3	0	3
Horticulture	PF	Crop diversification through Banana cultivation	1	On	25	0	25	4	0	4
	PF	Preparation of organic pestcides & its use	1	On	25	0	25	0	0	0
	PF	Nursery raising techniques	1	On	23	2	25	5	0	5
	PF	Layout and Management of Orchards	1	On	20	0	20	2	0	2
	PF	Plant propagation techniques	2	On	50	0	50	0	0	0
	PF	Pest Management in cucurbits	1	On	19	6	25	0	2	2
	PF	Improved cultivation of Tissue Culture Banana	2	Off	41	9	50	27	8	35
	PF	Management of young plants/orchards	1	Off	19	1	20	5	1	6
	PF	Rejuvenation of old orchards	1	Off	23	2	25	13	2	15
	PF	Cultivation of Vegetable	2	Off	51	0	51	4	0	4
	PF	Production of bio control agents and bio pesticides	2	Off	52	0	52	0	0	0
	PF	Improved vegetable cultivation techniques	2	Off	50	0	50	17	0	17
	RY	Production of organic inputs at farmers level	1	On	25	0	25	0	0	0
Fishery	PF	Improved cultural practice of air breathing fish culture	1	On	25	0	25	4	0	4
	PF	Induced Breeding of IMC	1	On	25	0	25	10	0	10
	PF	Nursery pond culture and managemnt of crops	1	On	25	0	25	4	0	4
	PF	Integrated fish farming	2	On	55	0	55	2	0	2
	PF	Effects of liming in fish ponds	1	On	16	9	25	1	2	3
	PF	Rearing pond preparation and management	1	On	35	1	36	17	1	18
	PF	Aquatic weeds and algal blooms in fish ponds, their control and utilization	1	Off	30	0	30	9	0	9
	PF	Schedule of fertilization & liming in fish culture ponds	1	Off	31	0	31	0	0	0
	PF	Integrated poultry-cum-fish farming in backyeard pond	2	Off	51	1	52	2	0	2
	PF	Polyculture of freshwater IMC with cat fishes	1	Off	25	0	25	3	0	3
	PF	Scientific management of IMC fish hatchery	1	Off	25	0	25	6	0	6
Agril. Exstension	PF	Formation and management of farmer's club	1	On	25	0	25	9	0	9
	PF	Formation and Management of SHGs	1	On	20	0	20	0	0	0

	PF	Cultivation techniques of rice bean	3	On	73	0	73	3	0	3
	PF	Crop insurance and banking scheme in agriculture	1	On	24	1	25	9	0	9
	PF	Formation and Management of SHGs	3	Off	64	11	75	40	4	44
	PF	Cultivation of Azolla	1	Off	24	1	25	0	0	0
	PF	Cultivation techniques of oat as fodder	3	Off	80	0	80	5	0	5
	PF	Production technology of Maize	2	Off	49	1	50	7	0	7
	PF	Production technology of Cowpea	2	Off	40	0	40	11	0	11
	PF	Cultivation of Perennial fodder	1	Off	25	0	25	4	0	4
	RY	Vocational Training on Kantha Stitch	7	Off	0	20	20	0	3	3
	RY	Vocational Training on Jute Handicrafts	7	Off	0	20	20	0	5	5
	RY	Advanced Vocational Training on Jute Handicrafts	7	Off	0	20	20	0	5	5
	RY	Production technology of different fodder crops	2	Off	58	2	60	11	0	11

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Tailoring and Stitching	Entrepreneurial development of farmers/youths	Vocational Training on Kantha Stitch	7	0	20	20				
Rural Crafts	Entrepreneurial development of farmers/youths	Vocational Training on Jute Handicrafts	7	0	20	20				
Rural Crafts	Entrepreneurial development of farmers/youths	Advanced Vocational Training on Jute Handicrafts	7	0	20	20				

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Improved cultural practice of air breathing fish culture	Hatchery management and culture of freshwater prawn	December, 2017	1	EF	1	21	4	0	0	0	0	21	4	0	25	ATMA, Burdwan District
2	Crop diversification through Banana cultivation	Plant propagation techniques	December, 2017	1	EF	1	21	4	0	0	0	0	21	4	0	25	ATMA, Burdwan District
3	Production of organic inputs at farmers level	Production of organic inputs	December, 2017	1	RY	1	25	0	0	0	0	0	0	25	0	25	ATMA, Burdwan District
4	Preparation of organic pestcides & its use	Bio-control of pests and diseases	January, 2018	1	EF	1	25	0	0	0	0	0	25	0	0	25	ATMA, Burdwan District
5	Cultivation of Perennial fodder	Production of quality animal products	January, 2018	1	RY	1	21	4	0	0	0	0	21	4	0	25	ATMA, Burdwan District
6	Cultivation of Azolla	Production of quality animal products	January, 2018	1	EF	1	24	0	0	1	0	0	25	0	0	25	ATMA, Burdwan District
7	Nursery raising techniques	Nursery raising	January, 2018	1	EF	1	18	5	0	2	0	0	20	5	0	25	ATMA, Burdwan District

8	Induced Breeding of IMC	Composite fish culture & fish disease	January, 2018	1	EF	1	15	0	10	0	0	0	15	0	10	25	ATMA, Burdwan District
9	Formation and management of farmer's club	Group dynamics	January, 2018	1	EF	1	16	0	9	0	0	0	16	0	9	25	ATMA, Burdwan District
10	Management of problematic soils	Management of Problematic soils	February, 2018	1	EF	1	22	1	1	0	0	1	22	1	2	25	ATMA, Burdwan District
11	Micronutrient management of crops	Nutrient Use Efficiency	February, 2018	1	EF	1	23	2	0	23	2	0	23	2	0	25	ATMA, Burdwan District
12	Nursery pond culture and managemnt of crops	Carp breeding and hatchery management	February, 2018	1	EF	1	21	4	0	0	0	0	21	4	0	25	ATMA, Burdwan District

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	12	252	91	343	24	12	0	12	264	91	355
KisanMela									0	0	0
Kisan Ghosthi	3	92	40	132	35				92	40	132
Exhibition	4	2477	577	3054	27	34	2	80	2511	579	3134
Film Show	37	942	272	1214	18	0	0	0	942	272	1214
Method Demonstrations	7	119	23	142	15	8	2	10	127	25	152
Farmers Seminar	4	92	12	104	28	18	4	22	110	16	126
Workshop	3	74	0	74	32	4	0	4	74	4	78
Group meetings	6	221	54	275	38	18	3	21	239	57	296
Lectures delivered as resource persons	14	271	21	292	14	0	0	0	271	21	292
Advisory Services	68	1733413	853771	2587184	35	0	0	0	1733413	853771	2587184
Scientific visit to farmers field	126	1374	418	1792	24	0	0	0	1374	418	1792
Farmers visit to KVK	565	6589	940	7529	20	0	0	0	6589	940	7529
Diagnostic visits	55	54	13	67	21	0	0	0	54	13	67
Exposure visits	13	151	26	177	34	0	0	0	151	26	177
Ex-trainees Sammelan	4	67	7	74	12			0	67	7	74
Soil health Camp	11	273	9	282	15	10	3	13	283	12	295
Animal Health Camp	2	17	-3	14	12				17	-3	14
Agri mobile clinic	23	543	37	580	18	0	0	0	543	37	580
Soil test campaigns	9	367	12	379	24	0	0	0	367	12	379
Farm Science Club Conveners meet	11	119	8	127	19	4	0	4	123	8	131
Self Help Group Conveners meetings	9	60	103	163	24	0	0	0	60	103	163
MahilaMandals Conveners meetings											

Celebration of important days (specify)	6	234	92	326	0	0	0	0	234	92	326
Sankalp Se Siddhi	1	258	230	488	10	4	0	4	262	230	492
Swatchta Hi Sewa	15	450	244	694	35	2	0	0	452	244	696
MahilaKisan Divas	1	0	45	45	24	0	2	2	0	47	47
Any Other (Specify)											
Total	1009	1748509	857042	2605551		110	16	172	1748619	857062	2605725

B.Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	10
Radio talks	2
TV talks	1
Popular articles	1
Extension Literature	5
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided
Paddy	MTU 7029	1540	6120000	57	598
Total		1540	6120000	57	598

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Paddy	MTU 7029	225 q	900000	422
Grand Total		225	900000	422

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower	Early Kunwari	20000	-	18
Tomato	Abhilash	20000	-	25
Brinjal	Bhangar Selection	20000	-	32
Total		60000	-	75

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted
Bio-agents	Vermicompost	15000	8
Total			

Production of livestock materials
NIl

3.5. b. Seed Hub Programme-*"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"*

Not applicable

3.6. (A) Literature Developed/Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Technical reports	Comprehensive District Agricultural Plan	D. Ghorai S. Sarkar G. Ziauddin M. S..Singh J. Chatterjee G. Sinha S. Ghatak P. Ghosh	1	
TOTAL				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	HRD Training	Refresher Course for KVK Personnel (Plant protection) at WBUAFS Kolkata	Mr. Sandipan Garai	01.02.2018	ICAR- ATARI, Kolkata
2.	HRD Training	Refresher Course for KVK Personnel (Horticulture) at WBUAFS Kolkata	Dr. Subrata Sarkar	01.02.2018	ICAR- ATARI, Kolkata
3.	HRD Training	Refresher Course for KVK Personnel (Fishery Science) at WBUAFS Kolkata	Dr. Golam Ziauddin	03.02.2018	ICAR- ATARI, Kolkata
4.	HRD Training	Refresher Course for KVK Personnel (Agriculture Extension) at WBUAFS Kolkata	Dr. Monika S. Singh	05.02.2018	ICAR- ATARI, Kolkata
5.	HRD Training	Refresher Course for KVK Personnel (Agriculture) at WBUAFS Kolkata	Dr. Dipankar Ghorai	30.01.2018	ICAR- ATARI, Kolkata

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2best case(s) with suitable action photographs)

Name of farmer	Rina Haldar, new entrepreneur in the development of viable business plan for ornamental fish culture
Address	Mankar
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	Ornamental fish culture has been growing at a steady pace in recent years, and hence there is a growing demand for ornamental fishes in the domestic market. Training is prerequisite for the beginners which will help to gain knowledge and market potential. it was thought appropriate to equip Mrs. Rita Haldar with training in ornamental fish culture. It is always better to begin with the livebearers like Guppy, Platy, Swordtail and Molly (as they breed easily) and after acquiring some experience, they can attempt for breeding and rearing of egg layers like Koi carp, gourami, goldfish, barbs, fighter fish etc. It is always advised for a farmer to be master on a single species than venturing in to many species as they require different management practice. She has used different technologies for rearing ornamental fishes which are easier to rear. In addition to that she also visited CIFA for exposure visit.
Economic impact	At first she was able to rear only one of the ornamental fish species called guppy two years ago. Next year she could able to rear 3000 nos of Molly. Her hard work, enthusiasm to learn the new technologies, and the interest to share his experience to novices to enter in to aqua culture make him differ from other

	farmers. With the help and direction provided by the kvkm Burdwan and district fisheries officials. she could harvest nearly 10000 no of fish — that was his first taste of success. Gradually she started to expand, and now he rears 06 species of ornamental fishes in 16 concrete and earthen ponds spread over his 1 bigha of land. This year he has purchased one shop for marketing her own production. She feels confident that she can get back the investment within two years.
Social impact	Women have potential capacity equivalent to men to manage successfully ornamental fish culture units
Environmental impact	
Horizontal/ Vertical spread	10 women of the nearby area were inspired by her and started the same professon

Name of farmer	Syed Arafat Ali 14.03.2018
Address	Vill + Post Ramgopalpur, Galsi I
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	1 ha
Name and description of the farm/ enterprise	
Economic impact	Several farmers outlined economic reasons for adopting indigenous heirloom varieties, which they refer to as "desi dhaan", as opposed to modern hybrids, "sarkari dhaan", or "government rice". Desi dhan seeds can be stored and use them in the following season. They also want to get rid of pesticide treadmill to reduce costs and stem the visible ill-effects of chemicals on soil quality and biodiversity. Their taller paddy stalks yielded valuable byproducts: fodder for cattle, mulch for the soil, and hay for thatching the roofs of their homes, unlike the short-statured modern varieties
Social impact	Women have potential capacity equivalent to men to manage successfully ornamental fish culture units
Environmental impact	
Horizontal/ Vertical spread	10 ha

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Whatapp groups of farmers (3 nos)

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

None

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Brinjal, cabbage, tomato, chili	0.6 ha	112 q	8	No

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

1. Developing questionnaire 2. Targeting and interviewing

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Flame photometer	One
2	Spectrophotometer	One
3	Shaker	One
4	Hot air oven	One
5	Hot plate	One
6	Glass distillation unit	One
7	Conductivity bridge	One
8	pH meter	One
9	Electronic balance	Two
20	Grinder	One
11	Kjeldahl N analyser	One
12	Mridaparikshak	One
13	Atomic absorption spectrophotometer	One

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
105	1150	1255	845	31	--

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	Awareness programme on soil health and distribution of soil health card	289	-	-	115	262

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
2	5	20000 seedling	100	5

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Mass awareness programme	3	650	Agricculture, Horticulture, Livestock &Fishery
Farmers training	4	125	Agricculture, Horticulture, Livestock &Fishery
TV show	1	-	Agricculture, Horticulture, Livestock &Fishery
Farmer-Scientist interaction	2	150	Agricculture, Horticulture, Livestock &Fishery

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)

No of student trained	No of days stayed
Not applicable	

ARS trainees trained	No of days stayed
5	14

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/ZilaSabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
24.04.2017	Mr. Babul Supriyo, Hon'ble MP & MoS HI & PSE	Soil health card and input distribution
29.08.2017	Mr. Babul Supriyo, Hon'ble MP & MoS HI & PSE	Sankalp se Siddhi Programme

4. IMPACT

4.1. Impact of KVK activities (2014-15 to 2017-18).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Vermicomposting	112	92	0	2400
Plant propagation	25	75	1500	1850

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Sulfur and boron nutrition in mustard	The soils of the district are largely deficient in two essential nutrients required for mustard, namely, Sulfur and Boron. KVK after successfully establishing the fact that supplemenatation of sulphur and boron can augment productivity significantly through OFT, applied the technology in CFLD on mustard during Rabi 2015 -16. Farmers were greatly encouraged by the results and as a result of which the technology has spreaded to 5 blocks of the district, namely Kalna, Purbasthali, Ausgram, Galsi I and Galsi II.
Seed treatment for crops	Farmers in this region were not used to treat seeds of different crops while sowing before KVK intervention. After

	intervention of KVK, not only the farmers in the adopted village but farmers in the adjoining villages as well are now practicing seed treatment for crops like paddy, jute, pulses, potato etc. The technology has spread to as much as 18 blocks of the district.
Azolla production for livestock feeding and green manuring	i) A low cost azolla production unit was established in KVK farm and maintained (*Azolla microphylla*) throughout the year. iii) In our adopted villages, 25 production units were set up for multipurpose use specially as livestock and poultry feed. iv)In this year, Block Livestock Development Officer of Galsi-I indented the culture and technical know-how for 50 demonstrations in his block. v) A training programme was conducted on the theme area of azolla production and its use as green manure in rice field in collaboration with ICAR-IARI, New Delhi.

Give information in the same format as in case studies

4.3.Details of impact analysis of KVK activities carried out during the reporting period

Impacts of the different efforts by the KVK during 2017-18 which are hereunder:

1. Replacement of older varieties of the crops like jute, Mustard etc by Improved varieties of CO 58, JRO 8432, JRO 204 and Pusa Mustard 26 respectively
2. System of Rice Intensification – better yield, less labour & cost effective - Wide coverage of SRI technology
3. Integrated Farming System– More return from per unit land -Widespread dissemination of Integrated Farming System approach
4. Seed replacement rate enhanced and Seed treatment of different crops has been come in practice
5. Use of biofertilizer and biopesticide has increased
6. Crop diversification i.e. introduction of jute, vegetables in the cropping system
7. Cultivation of off season vegetable – came into practice
8. Soil test based fertilizer application – came into practice
9. Preparation of Jute handicraft – Six of the trainees (Five female and one male) are generating income through handicraft preparation
10. Preparation of Kantha Stitch - Five of the trainees (female) are supplementing family income
11. Vermicompost production – Eight village level production units have been formed
12. Refinement of composite fishculture- 10-12 villages where demonstration were carried out.
13. Seed Village Programme initiated in different blocks of Burdwan which covers around 300 ha area under paddy seed cultivation.

4.4. Details of innovations recorded by the KVK

Thematic area	Farm mechanization
Name of the Innovation	Hand driven zero till
Details of Innovator	Dinabandhu Pal, Warispur, Ausgram II
Back ground of innovation	The area of Warispur is a relatively low lying area by the side of river Khari where during heavy rain field inundate and paddy crop is largely damaged. Shri Pal realized that if he could sow paddy a bit early then crop stand will be enough not to be damaged by flooding. He has seen Zero-till seed cum fertilizer drill working in one training programme he attended in KVK. Since, he could not get access to one such machine in his nearby area, he went on to device one such machine which can be nahd driven as well as bullock driven.
Technology details	Shri Pal deviced the Zero till drill in such a way that it can be operated by man or can be bullock driven. Apart from that he fitted the machine with nails that can help in ridge making in potato cultivation. The machine is very user friendly and costs only around Rs. 700/-
Practical utility of innovation	Using the same machine Shri Pal used to cultivate paddy in about 6 bighas of land that he has and has been successful in preventing loss due to flooding by early cultivation.

4.5. Details of entrepreneurship development

Entrepreneurship 1

Entrepreneurship development	
Name of the enterprise	Vermiculture
Name & complete address of the entrepreneur	Chowdhury Amirul Haque, Jagulipara Block: Galsi-I
Intervention of KVK with quantitative data support:	In view of the deteriorating soil quality, application of good quality organic matter is the need of the hour. KVK intervened through hand on training on vermicompost production in the adopted villages. The above mentioned farmer has developed one vermicompost unit in his backyard with a capacity of roundabout 3 tonne. The vermicompost he produces is being used in his farm of about 3 ha. Apart from this he has developed expertise in vermiculture as well. He regularly sell the earthworm to various public ad private bodies, like NABARD; dept. of agriculture, Burdwan; NGOs whereby he earns substantial additional income to run the enterprise profitably.
Time line of the entrepreneurship development	2008: Obtained training from KVK. Got exposure to some profitable vermicompost production agencies. 2009: Constructed one vermicompost unit with subsidized funding from RKVY through KVK.

	2012: Apart from regularly using vermicompost produced in his fields, got expertise in vermiculture. 2013: Generates an additional income in the range of 4200 -8600/month from selling of earthworms. 2014: He is being regularly hired by various private and public bodies as expert in the field. 2015: Apart from regularly using vermicompost produced in his fields, generates an additional income in the range of 5200 -7600/month from selling of earthworms. 2016: His income has raised to 9500/- per month. 2017: His income has raised to 16500/- per month.
Technical Components of the Enterprise	--
Status of entrepreneur before and after the enterprise	Generates an additional income in the range of 4200 -8600/month from selling of earthworms, apart from the remuneration received as expert to different fora.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	The enterprise is extremely viable economically.
Horizontal spread of enterprise	Following his suite, 17 other rural youths in 5 villages under KVK operational area have started vermiculture.

Entrepreneurship 2

Entrepreneurship development	
Name of the enterprise	Kantha stitch
Name & complete address of the entrepreneur	Aminara Bagam Atapara, Galsi – I Burdwan
Intervention of KVK with quantitative data support:	KVK imparted 7 days training on preparing various kantha stitch. Also KVK has tried to explosure various selling channels for marketing her products. KVK also helped her for procuring loan from bank.
Time line of the entrepreneurship development	She got training in September, 2013. After that she motivated 5 more girls to work for her. In December she started to prepare various katha stich products like kurta, saree, purses etc.
Technical Components of the Enterprise	The enterprise is household enterprise where self labour is the critical input.

Status of entrepreneur before and after the enterprise	As the enterprise is in initial stage she gets a net profit of 2-3 thousand rupees every month. Before then her primary source of family income was from farming which her husband it. She herself didn't contribute to family income.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	The business is gradually growing. She gets her raw materials from bolpur which is nearby Burdwan and is very famous for Kantha Stitch. She has employed five local girls to work for her. Sanjoy Kantha Stich from Brahamandihi (Bhedia) purchase her finished products. KVK also herped her to sell her product in Mati Utsav-15 and Technology Week-15 by keeping it in KVKs stall
Horizontal spread of enterprise	No horizontal spread till now

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	**Nature of linkage**
Directorate of Agriculture, Govt. of W.B.	▪ Input supply for Seed village program ▪ Supply of new variety pulse and oil seed
Animal Resource Development Department, Govt. of W.B.	• Vaccination camp
Office of Assistant Director of Fisheries, Meen Bhawan, Burdwan	• Fish fingerlings supply • Training on fish culture, management • Awareness camp on subsidized loan scheme, fisherman identity card, Formation of Self help group, Fish production group, cooperative societies etc.
ATMA	• Governing body and management committee member • Collaborative programmes:- **Trainings – 20 nos.** **Demonstration – 10 nos**. **Trials - 03 nos.**
RKVY	• Governing body and management committee member
NREGS	Convergence programmes were • Training of NREGA technical staff on Vermi-compost, Rainwater harvesting, horticulture, Composite fish culture, Integrated farming • Field demonstrations by KVKs on NREGA works on IMC culture, Duck rearing,

	integrated farming (Fish-livestock- horticulture) • Skill development of NREGA workers under SGSY through Preparation of jute handicrafts, kantha-stitch.
National Seed Corporation, State Seed Corporation,	Foundation and certified paddy and potato, pulses and oil seed etc.
Bidhan Chandra Krishi Viswavidyalaya, Mohanpur	• Time to time planning execution • Planting material collection • Bio fertilizers collection • Resource persons
Vishwabharati University	• Trainings / demonstrations
West Bengal University of Animal and Fishery Science	Feed and milk sample analysis
Regional Station for Forage Production Demonstration, Kalyani	Training and fodder seed collection
CIFA, Kalyani	Exposure visit
State Agricultural Management Extension Training Institute, Narendrapur	Training on SREP preparation for ATMA programme
NABARD, CBI, SBI & RRBs ,Burdwan Region	Farmers; club, Credit facility for farmers
NGOs like Men at Work, Ujjiban, SSSNS, Meghdhoot, Mangal Chandi Self help group	Farmers' tour , Training etc

5.2. List of special programmes undertaken during 2017-18 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

None

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Technology transfer through Training and demonstration	Training of specific need and demonstration of technology at farmers field	Nov, 2017	ATMA	250000.00

PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Orchard	2009	8000	Mango, Guava, Citrus	Fruits	1.2 q	8000	18000	
	Total					1.2 q	8000	18000	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Cereals (paddy)	June 2017	December, 2017	5.0	MTU 7029	Foundation seed	24.5 q	400,000	1000000	
Banana	July 2016	--	1 bigha	Grand Naine	Bunch	150	10000	15000	

6.3 Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	5 tonnes	10000	--	Used in KVK farm land for production of seed, seedlings, banana etc.

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Fish fingerling	IMC	Fry and Fingerling	128 kg	10000	25000	

6.3. Utilization of hostel facilities

Accommodation available (20 No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April 17	3	3(1)	
May17	2	4 (2)	
June17	--	--	
July17	--	--	
August 17	7	14 (2)	
September 17	5	5(1)	
October 17	--	--	
November 16	5	10 (2)	
December17	6	18 (3)	
January 18	30	60 (2)	
February 18	10	30(3)	
March 2018	4	8(2)	
Total	72	152	

(For whole of the year)

6.4. Utilization of staff quarters

Whether staff quarters has been completed: Completed
No. of staff quarters: 06 nos.
Handover of quarter on 31.01.2013 and completion of road and electrical work on 31.03.13:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
From April 2017 onwards	05 staff quarters have been occupied by official staff. One quarter is vacant.					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	State Bank of India Railway Station Branch, Barrackpore	Barrackpore	10391779335
With KVK	State Bank of India Mankar	Mankar	30466431682

7.2. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Groundnut	**340000**		**311000**		29000
Mustard (JD 6)		**120000**		**226475**	**(-) 106475**
Sesame		Nil		80000	(-) 80000

7.3. Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2018
	Kharif	Rabi	Kharif	Rabi	
Lentil (WBL77)		**132956**		**289800**	**(-) 156844**
Chickpea		**Nil**		**66250**	**(-) 66250**
Greengram		**Nil**		**65900**	**(-) 65900**
	Nil		376050		

7.4. Utilization of KVK funds during the year 2017-18(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			10377453
2	Traveling allowances			130396
3	Contingencies			
A	Stationary, tephone bill, POL,			
B		660000		693040
C	Training of farmers, training material, training of youth, exposure visit			
D	Training of extension functionaries	420000		580630
E	FLD other than pulse and oilseeds	280000		45169
F				
G				
H				
I				
J	Swachhata Expenditure			17500
TOTAL (A)		12760000		12024395
B. Non-Recurring Contingencies				
1	Wastes			
2	Vehicle			
3	Equipment & Furniture	300000		229950
4	Soil \& water testing	86000		86000
TOTAL (B)				
C. REVOLVING FUND				443919
GRAND TOTAL (A+B+C)				12784264

7.5. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	1,53,165.00	8,77,375.00	8,90,977.00	1,39,563.00
2016-17	1,39,563.00	9,61,400.00	6,06,847.00	4,94,116.00
2017-18	494116.00	900930.00	443919.00	950327.00

7.6. (i) Number of SHGs formed by KVKs- 10
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities- 79
(iii) Details of marketing channels created for the SHGs

KVK mobilized the marketing channel for the SHG, especially women SHGs, associated with the production of rural and other handicrafts, by linking them with yearly Krishi melas, rural fairs and town based cooperatives dealing with selling of crafts etc. KVK has also connected SHG doing katha stich with traders from Bolpur.
KVK has created financial opportunity for many of the SHGs formed by linking them with NABARD, rural banks etc.

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
Seed production	01	Kharif 2017	Dept. of Agriculture, West Bengal	-	-
Kisan Sammelan	01	Rabi, 2016	Dept. of Agriculture, West Bengal	-	-
SAC	01	Kharif, 2015	All line dept., west Bengal	-	-
Farmers training	12	Year round	All line dept., west Bengal		
Exposure Visits	02	Rabi, 2016	All line dept., west Bengal	With ATMA funding	
Farmers scientist interaction	01	Rabi, 2016	Dept. of Agriculture, West Bengal	With ATMA funding	

KVK Burdwan has collaborated with Center for Organic Farming, Lucknow to initiate organic farming in Sansad Adarsh Gram, Sidhabari, in salanpur bLock. KVK has thoroughly trained the villagers in establishing an organic farm in an area on 2 acre. Vegetables like pkra, brinjal, tomato are being grown in the vegetable garden.

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Late blight	Potato	18.1.18	24%		

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
Ulcer disease in carps	Carps	26.11.2017	450	-	Affected fishes were isolated Ponds disinfected with lime

9.1. Nehru Yuva Kendra (NYK) Training
Not applicable

9.2. PPV & FR Sensitization training Programme
Not applicable

9.3. *m Kisan* Portal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	15	570703
Livestock	1	38047
Fishery	4	152187
Weather	18	684843
Marketing	5	190234
Awareness	9	342421
Training information	11	418515
Other	5	190234
Total	68	2587184

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	15,351
2.	No. of farmers registered in the portal	1,17,699
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swacha Bharat Programme

Sl no.	Date of Observation	Activities undertaken
1.	17.09.2017	Clearing and sweeping of the entire campuses/premises KVK Farm Area, Library and Office Room Laboratory & Trainees' Hostel and Training Hall
2.	24.09.2017	Celebration of Samagra Swachhta Diwas. All kvk employees performed shramdan and contributed in developing a proper toilet place in nearby village.
3.	25.09.2017	Celebration of Sarwatra Swachhta by contributing towards cleaning public places.
4.	01.10.2017	Cleaning of nearby tourist spots
5.	02.10.2017	A public function to recognize the significant performer of the swachhta Diwas Programmes.

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		3750
3. Sanitation and SBM		5230
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	06	3140
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	100	5800
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		**17920**

9.6. Observation of National Science day
Not observed

9.7. Programme with SeemaSurakshaBal (BSF)
Not applicable

9.8. Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

Give good quality 1-2 photograph(s)

9.9. Details of '*Sankalp Se Siddhi'* Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha / Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
29.08.2017	01	01	-	-	-	-	01	650	06	657	No.	06

9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1.	Waste Management through Vermicomposting Health and wellness workshop for villagers cleaning the heap of garbage, Spreading awareness about the mission by providing Information, education and communication, and behaviour change, Cleaning of statues of national leaders, Maintenance of public parks, Construction of community toilets, cleaning of public toilets, Bus resting rooms, public urinals, Maintenance of water bodies Cleaning of government office buildings , farm lands in vilages, mandir, masjids etc	10	500	-	-

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1	7	45	1	Sri Paresh Pal, Krishi KArmadhakshya

9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Agriculture		
	Dinabandhu Pal	Warishpur, Ausgram 7699870386	Farm mechanization
	Mahadeb Porey	Bharatpur, Galsi I 9732914451	Groundnut seed production
	Prabir Samanta	Bharatpur, Galsi I	Groundnut seed production

	Gopi Mohan Ghosh	Simnori, Galsi I 9775702856	Quality seed grower
	Basudeb Sutradhar	Simnori, Galsi I 9732333697	Quality seed grower
2	Horticulture:		
	Bapi Sk	Mirjapur, Kalna 9734213386	Solanaceous crop cultivator
	Sk. Shorabuddin	Galsi 8926025062	Banana cultivation
3	Fisheries:		
	Bipul Mallick		Aquaculure

9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Seminar	4 days	Dr. Golam Ziauddin	SMS (Fishery Science)	Asian Fisheres Society Indian Branch
Refresher Course for KVK Personnel (Plant protection) at WBUAFS Kolkata	1 day	Mr. Sandipan Garai	Prog. Asst	ICAR-ATARI, Kolkata
Refresher Course for KVK Personnel (Horticulture) at WBUAFS Kolkata	1 day	Dr. Subrata Sarkar	SMS (Hort.)	ICAR-ATARI, Kolkata
Refresher Course for KVK Personnel (Fishery Science) at WBUAFS Kolkata	1 day	Dr. Golam Ziauddin	SMS (Fishery Science)	ICAR-ATARI, Kolkata
Refresher Course for KVK Personnel (Agriculture Extension) at WBUAFS Kolkata	1 day	Dr. Monika S. Singh	SMS (Extension)	ICAR-ATARI, Kolkata
Refresher Course for KVK Personnel (Agriculture) at WBUAFS Kolkata	1 day	Dr. Dipankar Ghorai	PC (I/C)	ICAR-ATARI, Kolkata

9.14. Revenue generation

SL.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Paddy seed – 226 q	9.07 lakh	
2.	Fruits -1.2 q	0.18 lakh	
3.	Fish fingerling	0.10 lakh	
4.	Other farm produce	0.15 lakh	
5.	Goat kid – 10 nos	0.14 lakh	
	TOTAL	9.64 lakh	

9.15. Resource Generation:

. Resource Generation:

SL.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	Technology transfer	To transfer improved technologies through training, demonstration, farmer-scientist interaction and exposure visit	ATMA, Burdwan	**300000**	**--**
	Refresher course for ATMA functionaries	To transfer improved technologies through training, demonstration, farmer-scientist interaction and exposure visit	NABARD, Burdwan	**180000**	**--**

9.16. Performance of Automatic Weather Station in KVK

Not applicable

9.17. Contingent crop planning

Not required

10. Report on Cereal Systems Initiative for South Asia (CSISA)

Not applicable

11. Details of TSP

Not applicable

12.Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA)

Not applicable

14. Awards/Recognition received by the KVK

Nil

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Krishi Ratna	Bapi Sk	20017	Govt. of West Bengal	50000	

14. Any significant achievement of the KVK with facts and figures as well as quality photograph

15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	Purbasthali Organic farmers producer company							
2	Avant garde FPO							

16. Integrated Farming System (IFS)
Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Fish-crop	1 ha	Fish: 1.3 q Paddy: 3 q Fruits: 0.6 q	Fish: 9000 Paddy: 6000 Fruits: 1000	Fish: 15000 Paddy: 12000 Fruits: 3000	12	15

17.Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Vermiculture and vermicomposting	• Vermiculture • Production of vermicompost	Rs. 52000/-	26	
2	Crop diversification	• Crop diversification with tCB • Crop diversification with vegetables	Rs. 104000/-	15	

18.Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	353	5600	01.02.18	Dr. D. Ghorai Mr. J. Chatterjee Sk. G. rasul Sk Amir Hossain Sk. Janab Ali Bapi Sk Noorjahan Khatun	• Capacity building • Exposure visit • Whatappgroup
II (up-to 24.04.2018)	819	27400			
Total	1172	33000			

19. Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Awareness camp on PMFBY	27.07.17	KVK	Building awareness among farmers	54
2	World food day	16.10.17	KVK		42
3	Farmers workshop	09.05.17	KVK and Uchhagarm	Capacity building of farmers	45

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Annexure I

Proceedings of the XIVth Scientific Advisory Committee Meeting

held on 18th January, 2018 at KVK, Bud Bud, Burdwan, West Bengal

The XIVth meeting of Scientific Advisory Committee (SAC) of KVK, Burdwan was held at KVK, Bud Bud (Bardwan) on 18th January, 2018. The meeting was chaired by Dr. Jiban Mitra, Director (Actg.), ICAR-CRIJAF. The list of member of SAC & Invitee who attended the meeting is given as Annexure-I.

AGENDA ITEM – 14.1: Confirmation of Minutes of XIIIth **Meeting of SAC**

The XIIIth Meeting of the Scientific Advisory Committee held at KVK, Bud Bud, Burdwan on 27th September, 2016. The meeting was chaired by Dr. P. G. Karmakar, Director, ICAR-CRIJAF. The members of SAC accepted the recommendation and confirmed the minutes of XIIIth meeting of SAC.

AGENDA ITEM – 14.2: Appraisal of Technical Activities

Dr. D. Ghorai, Programme Coordinator (I/C) of KVK and Member Secretary appraised SAC regarding the progress of technical activities undertaken during 2017-18, Action Taken report and Action Plan 2018-19. The SAC has appreciated the activities undertaken and achievement made as per planned target during the reported period. Analytical review of component demonstrated (FLD & OFT) was thoroughly discussed with each member in light of the recommendations of the XIIIth meeting of SAC.

The SAC also appreciated for organization of Training for farmers, farm women, Rural youth and Extension personnel; exposure visits for farmers, production of seeds, etc. as per Action Plan 2017-18.The SAC also critically reviewed the performance of the technical programmes through open discussion to solicit recommendations to the KVK in reaching more areas of the district with effective agricultural technology dissemination.

AGENDA ITEM – 14.3: Any Other Items with the Permission of the Chair

In the concluding session, Chairman discussed thoroughly with other members of the SAC.
Salient recommendations made by the committee are:

General Recommendation: (*Action: All SMS & Prog. Asstt.*)

- KVK should continue to work in undivided Burdwan district till new KVK establishment is done as per partition of the district.
- In order to increase outreach of KVK, every SMS should adopt at least 2-3 villages each year in different GPs.
- Documents on '*Resource support system*' and '*Technological inventory*' of the district should be prepared comprising of all available resources, facilities and technologies developed by the ICAR, SAUs and other concerned development organization of West Bengal.
- New and improved varieties developed by the ICAR, SAU & State Govt must be introduced through OFT. Seed production of latest varieties should be tried in participatory mode. Feasibility of formation of Seed Bank may be explored. Documentation of activities through good quality photographs is a must. Photographs should be so taken as to reflect the visual difference of the technology tested with farmer's practice. Permanent sign board on each FLD site should only be used.

Specific Recommendations:

- Demonstrations on SRI should be taken up w.r.t recommended spacing, seedling age, weeding, fertilizer application during both *rabi* & *kharif* season. LCC may be used to economize nitrogen application. In *rabi* season, alternate wetting and drying (AWD) techniques should be added in the demonstration. (*Action: SMS, Agronomy*)
- Keeping in view the increased demand of sesbania as green manure, seed production of sesbania in fallow farmers' fields may be taken up. (*Action: SMS, Agriculture*)
- Instructional units on IFS, cropping system, crop cafeteria, livestock unit, vermicomposting, mushroom unit, bee keeping, green house cultivation of vegetables & flowers, farm implements unit, horticulture nursery, etc. should be established in KVK premises for training & method demonstration of farmers and rural youth. (*Action: SMS, Agriculture, Horticulture, Fishery, Extension and Prog. Asst.*)
- Seed treatment in clustered demonstrations on pulses to be made mandatory. (*Action: SMS, Agriculture & Horticulture*)
- Considering the already demonstrated technology of intercropping of jute in farmer's field by the CRIJAF, only FLDs on the same technology should be undertaken. (*Action: SMS, Agriculture & Extension*)
- OFT on management practices of potato to be excluded. (*Action: SMS, Horticulture*)
- Cultivation of Gherkin may be tried on KVK Farm for its quality and acceptability in the local market before going for FLD. (*Action: SMS, Horticulture*)
- Programme may be taken to address the low productivity of tuberose using improved variety with proper nutrient management. (*Action: SMS, Horticulture*)
- Seed storability of onion variety Sukhsagar is poor. This problem can be addressed through demonstration of improved storage techniques of onion or by varietal replacement. Problem of high perishability of cucurbits should be addressed by identifying low cost storage structures. (*Action: SMS, Horticulture& Extension*)
- OFT on nutrient management in marigold should be taken up as per released technology of ICAR or SAU.(*Action: SMS, Horticulture*)
- OFT on mango should include management package for fruit fly involving plant protection expert. (*Action: SMS, Horticulture*)
- OFT on stunted fingerling is to be refined in consultation with concerned organization or state department. (*Action: SMS, Fishery*)
- Sensitization programme on formation of fish cooperatives to be conducted involving experts from CIFRI, CIFE, NABARD and other stakeholders. (*Action: SMS, Fishery*)
- OFT on weed fish removal should be modified as suggested by the SAC. Application of Mahua oil cake, being a costly proposition, may be replaced with urea with bleaching powder as per released technology options. (*Action: SMS, Fishery*)
- Formation of FPOs to be facilitated with collaboration from DDA and NABARD. (*Action: SMS, Extension*)
- In view of doubling the farmer's income, number of master trainers should be increased for adoption of income generating demonstrated technology of KVK. (*Action: SMS, Extension*)

- ICAR-NIRJAFT and concerned NGOs (e.g. BAPU, Murshidabad) can be collaborated with regarding training on Jute Diversified Products (JDPs).(*Action: SMS, Extension*)
- Impact assessment of central sector schemes (CSS) like Soil Health Card, Clustered demonstration, PMFBY, *etc.* should be evaluated for its impact on agriculture. (*Action: SMS, Extension*)
- In view of non-availability of SMS (Animal Sci.), help of concerned organization and departments should be taken for conducting vaccination programmes. (*Action: SMS, Extension*)
- Azolla as supplementary feed may be taken up as FLD to increase the milk, egg and meat production of cattle and poultry. (*Action: SMS, Extension*)
- Groundnut crop residue is high in crude protein, crude fibre and nitrogen free extracts. As such groundnut residue may be used as goat feed in consultation with concerned department. Also moringa can be tried as fodder. (*Action: SMS, Extension*)
- Status report should be prepared in consultation with DHO regarding feasibility of apiary in the district. (*Action: Prog. Asstt, Plant Protection*)
- Crop loss due to fruit fly infestation in mango and guava often is as high as 40%. This problem should be addressed through proper plant protection measures.(*Action: Prog. Asstt., Plant Protection& SMS, Horticulture*)
- Vocational trainings on mushroom cultivation should be taken up followed by its FLD with farm women through SHGs, NGOs, etc. (*Action: Prog. Asstt, Plant Protection*)
- Pertinent farmer's friendly mobile applications (Apps) should be developed. (*Action: Prog. Asstt, Computer App.*)

Meeting concluded giving thanks to the chair.

Senior Scientist-cum-Head i/c
Member Secretary, SAC
KVK,Burdwan

Approved by:

Director, ICAR-CRIJAF

Members and Invitee who attended the 14th Meeting of Scientific Advisory Committee on 18th January, 2018

Sl No	Name and Designation	Status in SAC
1.	Dr. Jiban Mitra, Director (Actg.), ICAR-CRIJAF	Chairman
2.	Dr. S. K. Mandal, Pr. Scientist, ICAR-ATARI, Kolkata	Member
3.	Dr. A. K. Singh, Pr. Scientist and Nodal Officer for CRIJAF KVKs	Member
4.	Dr. T. K. Dutta, Head, ERS-NDRI, Kalyani	Member
5.	Mr. Gour Sinha, Deputy Director Agriculture and Project Director, ATMA, Burdwan	Member
6.	Dr. Taraprasad Dutta, Deputy Director Agriculture (Soil and Water Management)	Member
7	Dr. Supratik Maitra, District Horticulture Officer, Burdwan	Member
8	Dr. Shyamal Naskar, Pr. Scientists, ERS-IVRI	Member
9	Dr. Sanjay Mandal, District Veterinary Officer, Burdwan	Member
10	Mr. Mojammel Haque, District Fishery Officer, Burdwan	Member
11	Mr. Mrinal Kanti Das, Jamuria, Farmer Representative	Member
12	Bapi Shaikh, Kalna, Farmer Representative	Member
13	Mrs. Hossain Ara Begum, Galsi I, Farm women representative	Member
14	Mrs. Rina Halder, Farm women representative	Member
15	Dr. D. Ghorai, Programme Coordinator (I/C), KVK Burdawn	Member Secretary
16	Dr. B. C. Das and Dr. Shyamal Naskar, Pr. Scientists, ERS-IVRI, Kolkata	Invitee
17	Dr. H. Bhandari, Scientist-in-charge, CSRSJAF, Bud Bud	Invitee
18	Mr. Debabrata Pal, Fishery Extension Officer, Galsi-I	Invitee
19	Dr. Golam Ziauddin, SMS (Fishery Sc.), KVK Burdwan	Invitee
20	Dr. Subrata Sarkar, SMS (Horticulture) , KVK Burdwan	Invitee
21	Dr. Monica Suresh Singh, SMS (Ag. Extension) , KVK Burdwan	Invitee
22	Mr. Sandipan Garai, Prog. Assistant, KVK Burdwan	Invitee
23	Dr. Soumya Sarathi Kundu, Farm Manager, KVK Burdwan	Invitee
24	Sk. Golam Rasul, Prog. Asst. (Computer) , KVK Burdwan	Invitee